

Package ‘tvthemes’

July 22, 2025

Type Package

Title TV Show Themes and Color Palettes for 'ggplot2' Graphics

Version 1.3.3

Maintainer Ryo Nakagawara <ryonakagawara@gmail.com>

Description Contains various 'ggplot2' themes and color palettes based on TV shows such as 'Game of Thrones', 'Brooklyn Nine-Nine', 'Avatar: The Last Airbender', 'Spongebob Squarepants', and more.

License GPL-3

Encoding UTF-8

RoxygenNote 7.2.3

Imports ggplot2 (>= 3.1.0), extrafont (>= 0.17), scales (>= 1.0.0),
magick (>= 2.0), grDevices (>= 3.5.3)

Suggests testthat (>= 2.1.1), dplyr (>= 0.8.0.1), cowplot (>= 0.9.4),
png (>= 0.1-7), glue (>= 1.3.1), stringr, knitr, rmarkdown

URL <https://github.com/Ryo-N7/tvthemes>

BugReports <https://github.com/Ryo-N7/tvthemes/issues>

Language en-US

VignetteBuilder knitr

NeedsCompilation no

Author Ryo Nakagawara [aut, cre]

Repository CRAN

Date/Publication 2024-02-27 15:00:02 UTC

Contents

attackOnTitan_pal	2
avatarTLA_pal	4
avatar_pal	6
bigHero6_pal	9

brooklyn99_pal	11
gravityFalls_pal	14
hilda_pal	16
import_avatar	18
import_gravitationFalls	18
import_rickAndMorty	19
import_simpsons	19
import_spongeBob	20
import_theLastAirbender	20
kimPossible_pal	21
paintBikiniBottom	23
parksAndRec_pal	24
rickAndMorty_pal	26
simpsons_pal	28
spongeBob_pal	30
stevenUniverse_pal	32
theme_avatar	34
theme_brooklyn99	36
theme_hildaDay	38
theme_hildaDusk	39
theme_hildaNight	41
theme_parksAndRec	42
theme_parksAndRecLight	44
theme_parksAndRec_light	46
theme_rickAndMorty	48
theme_simpsons	49
theme_spongeBob	51
theme_theLastAirbender	53
westeros_pal	54

Index 58

attackOnTitan_pal	<i>Attack On Titan palette</i>
-------------------	--------------------------------

Description

Attack On Titan palette

Usage

```
attackOnTitan_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
```

```
scale_color_attackOnTitan(n, type = "discrete", reverse = FALSE, ...)
```

```
scale_colour_attackOnTitan(n, type = "discrete", reverse = FALSE, ...)
```

```
scale_fill_attackOnTitan(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale
aesthetics	The names of the aesthetics that this scale works with.
scale_name	[Deprecated] The name of the scale that should be used for error messages associated with this scale.
palette	A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., scales::pal_hue()).
name	The name of the scale. Used as the axis or legend title. If waiver() , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.
breaks	One of: • NULL for no breaks • waiver() for the default breaks (the scale limits) • A character vector of breaks • A function that takes the limits as input and returns breaks as output. Also accepts rlang lambda function notation.
labels	One of: • NULL for no labels • waiver() for the default labels computed by the transformation object • A character vector giving labels (must be same length as breaks) • An expression vector (must be the same length as breaks). See ?plot-math for details. • A function that takes the breaks as input and returns labels as output. Also accepts rlang lambda function notation.
limits	One of: • NULL to use the default scale values • A character vector that defines possible values of the scale and their order • A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang lambda function notation.
expand	For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function expansion() to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.
na.translate	Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify <code>na.translate = FALSE</code> .

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(attackOnTitan_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_attackOnTitan()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_attackOnTitan()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class),
    col = "black", size = 0.1) +
  scale_fill_attackOnTitan()
```

avatarTLA_pal

Avatar: The Last Airbender palette (deprecated)

Description

Avatar: The Last Airbender palette

Usage

```
avatarTLA_pal(
  palette = "FireNation",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)
```

```
scale_color_avatarTLA(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)
```

```
scale_colour_avatarTLA(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)
```

```
scale_fill_avatarTLA(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)
```

Arguments

palette	name of palette (FireNation, EarthKingdom, WaterTribe, AirNomads), Default: "FireNation"
n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale
aesthetics	The names of the aesthetics that this scale works with.
scale_name	[Deprecated] The name of the scale that should be used for error messages associated with this scale.
name	The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If <code>NULL</code> , the legend title will be omitted.
breaks	One of: • <code>NULL</code> for no breaks • <code>waiver()</code> for the default breaks (the scale limits) • A character vector of breaks • A function that takes the limits as input and returns breaks as output. Also accepts rlang lambda function notation.
labels	One of:

- NULL for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.
- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

`limits` One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

`expand` For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

`na.translate` Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

`na.value` If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

`drop` Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

`guide` A function used to create a guide or its name. See [guides\(\)](#) for more information.

`position` For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

`call` The call used to construct the scale for reporting messages.

`super` The super class to use for the constructed scale

avatar_pal

Avatar: The Last Airbender palette

Description

Avatar: The Last Airbender palette

Usage

```

avatar_pal(
  palette = "FireNation",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)

scale_color_avatar(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_colour_avatar(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_fill_avatar(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

```

Arguments

palette	name of palette (FireNation, EarthKingdom, WaterTribe, AirNomads), Default: "FireNation"
n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale
aesthetics	The names of the aesthetics that this scale works with.
scale_name	[Deprecated] The name of the scale that should be used for error messages associated with this scale.
name	The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If <code>NULL</code> , the legend title will be omitted.

breaks One of:

- NULL for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang [lambda](#) function notation.

labels One of:

- NULL for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.
- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(avatar_pal()(5))
```

```
library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_avatar()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_avatar()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_avatar()
```

bigHero6_pal

*Big Hero 6 palette***Description**

Big Hero 6 palette

Usage

```
bigHero6_pal(n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_bigHero6(n, type = "discrete", reverse = FALSE, ...)

scale_colour_bigHero6(n, type = "discrete", reverse = FALSE, ...)

scale_fill_bigHero6(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to <code>ggplot2::discrete_scale</code>
aesthetics	The names of the aesthetics that this scale works with.
scale_name	[Deprecated] The name of the scale that should be used for error messages associated with this scale.
palette	A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., <code>scales::pal_hue()</code>).
name	The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.

breaks One of:

- NULL for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang [lambda](#) function notation.

labels One of:

- NULL for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.
- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(bigHero6_pal()(5))
```

```
library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_bigHero6()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_bigHero6()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_bigHero6()
```

brooklyn99_pal

*Brooklyn Nine Nine Color and Fill Scales***Description**

Brooklyn Nine Nine Color and Fill Scales

Usage

```
brooklyn99_pal(
  palette = "Regular",
  n = n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)

scale_color_brooklyn99(
  palette = "Regular",
  n = n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_colour_brooklyn99(
  palette = "Regular",
  n = n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_fill_brooklyn99(
```

```

palette = "Regular",
n = n,
type = "discrete",
reverse = FALSE,
...
)

```

Arguments

palette	name of palette, Regular or Dark Default: "Regular"
n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale

aesthetics The names of the aesthetics that this scale works with.

scale_name **[Deprecated]** The name of the scale that should be used for error messages associated with this scale.

name The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

breaks One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang [lambda](#) function notation.

labels One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.
- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- `NULL` to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

`na.translate` Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

`na.value` If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

`drop` Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

`guide` A function used to create a guide or its name. See [guides\(\)](#) for more information.

`position` For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

`call` The call used to construct the scale for reporting messages.

`super` The super class to use for the constructed scale

Details

Colors that work well with the blue background!

Examples

```
library(scales)
show_col(brooklyn99_pal()(5))
show_col(brooklyn99_pal(palette = "Dark")(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_brooklyn99()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_brooklyn99(palette = "Dark")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_brooklyn99(palette = "Dark")

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_brooklyn99()
```

gravityFalls_pal	<i>Gravity Falls palette</i>
------------------	------------------------------

Description

Gravity Falls palette

Usage

```
gravityFalls_pal(n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_gravityFalls(n, type = "discrete", reverse = FALSE, ...)

scale_colour_gravityFalls(n, type = "discrete", reverse = FALSE, ...)

scale_fill_gravityFalls(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale

aesthetics The names of the aesthetics that this scale works with.

scale_name **[Deprecated]** The name of the scale that should be used for error messages associated with this scale.

palette A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., [scales::pal_hue\(\)](#)).

name The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

breaks One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang [lambda](#) function notation.

labels One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.

- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(gravityFalls_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 3.5) +
  scale_color_gravityFalls()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 3.5) +
  scale_colour_gravityFalls()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_gravityFalls()
```

hilda_pal

*Hilda palette***Description**

Hilda palette

Usage

```
hilda_pal(
  palette = "Day",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)
```

```
scale_color_hilda(palette = "Day", n, type = "discrete", reverse = FALSE, ...)
```

```
scale_colour_hilda(palette = "Day", n, type = "discrete", reverse = FALSE, ...)
```

```
scale_fill_hilda(palette = "Day", n, type = "discrete", reverse = FALSE, ...)
```

Arguments

palette	name of palette (Day, Dusk, Night), Default: "Day"
n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale

aesthetics The names of the aesthetics that this scale works with.

scale_name **[Deprecated]** The name of the scale that should be used for error messages associated with this scale.

name The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

breaks One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts `rlang` [lambda](#) function notation.

labels One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object

- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.
- A function that takes the breaks as input and returns labels as output. Also accepts rlang `lambda` function notation.

`limits` One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

`expand` For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

`na.translate` Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

`na.value` If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

`drop` Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

`guide` A function used to create a guide or its name. See `guides()` for more information.

`position` For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

`call` The call used to construct the scale for reporting messages.

`super` The super class to use for the constructed scale

Details

Color set from Matt Shanks & ‘@ChevyRay’

Examples

```
library(scales)
show_col(hilda_pal(palette = "Dusk")(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Day")

ggplot(airquality, aes(x = Day, y = Temp,
```

```

    group = as.factor(Month), color = as.factor(Month))) +
    geom_point(size = 2.5) +
    scale_color_hilda(palette = "Night")

ggplot(airquality, aes(x = Day, y = Temp,
    group = as.factor(Month), color = as.factor(Month))) +
    geom_point(size = 2.5) +
    scale_colour_hilda(palette = "Day")

ggplot(mpg, aes(displ)) +
    geom_histogram(aes(fill = class), col = "black", size = 0.1) +
    scale_fill_hilda(palette = "Night")

```

import_avatar	<i>Import "Slayer" font</i>
---------------	-----------------------------

Description

The Last Airbender font ("Slayer")

Usage

```
import_avatar()
```

Details

Actual font is Herculanum. import_*() functions taken from hrbrthemes. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

import_gravitationFalls	<i>Import "Gravitation Falls" font</i>
-------------------------	--

Description

Imports Gravitation Falls font (Gravity Falls)

Usage

```
import_gravitationFalls()
```

Details

import_*() functions taken from hrbrthemes. Font made by MaxiGamer on DeviantArt! You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

See Also

[font_import](#)

import_rickAndMorty	<i>Import "Get Schwifty" font</i>
---------------------	-----------------------------------

Description

Rick & Morty font ("Get Schwifty")

Usage

```
import_rickAndMorty()
```

Details

Actual font is ... well, Justin Roiland's actual handwriting. import_*() functions taken from hrbthemes. Created by jonizaak on DeviantArt! You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

import_simpsons	<i>Import "Akbar" font</i>
-----------------	----------------------------

Description

The Simpsons Font ("Akbar" font)

Usage

```
import_simpsons()
```

Details

import_*() functions taken from hrbthemes. Created by Jon Bernhardt. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

See Also

[font_import](#)

import_spongeBob	<i>Import "Some-Time-Later" font</i>
------------------	--------------------------------------

Description

spongeBob SquarePants font ("Some-Time-Later")

Usage

```
import_spongeBob()
```

Details

import_*() functions taken from hrbrthemes. Created by Frederick R. Brennan. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

import_theLastAirbender	<i>Import "Slayer" font (deprecated)</i>
-------------------------	--

Description

The Last Airbender font ("Slayer")

Usage

```
import_theLastAirbender()
```

Details

Actual font is Herculenum. import_*() functions taken from hrbrthemes. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

kimPossible_pal	<i>Kim Possible palette</i>
-----------------	-----------------------------

Description

Kim Possible palette

Usage

```
kimPossible_pal(n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_kimPossible(n, type = "discrete", reverse = FALSE, ...)

scale_colour_kimPossible(n, type = "discrete", reverse = FALSE, ...)

scale_fill_kimPossible(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale

aesthetics The names of the aesthetics that this scale works with.

scale_name **[Deprecated]** The name of the scale that should be used for error messages associated with this scale.

palette A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., [scales::pal_hue\(\)](#)).

name The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

breaks One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang [lambda](#) function notation.

labels One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.

- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(kimPossible_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_kimPossible()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_kimPossible()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_kimPossible()
```

paintBikiniBottom	<i>Add SpongeBob background</i>
-------------------	---------------------------------

Description

Add SpongeBob background

Usage

```
paintBikiniBottom(  
  plot,  
  width = 800,  
  height = 500,  
  output.file = NULL,  
  background = "background",  
  ...  
)
```

Arguments

plot	the ggplot object you want to Spongobobify!
width	width, Default: 800
height	height, Default: 500
output.file	File path to save image, Default: NULL
background	"background" or "floral", Default: "background"
...	Other options, see ‘?magick::image_graph()’

Details

Adapted from ggpomological’s ‘paint_pomological()’ function!

Value

Your plot with a Spongebob themed background!

parksAndRec_pal	<i>Parks & Recreation palette</i>
-----------------	---------------------------------------

Description

Parks & Recreation palette

Usage

```
parksAndRec_pal(n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_parksAndRec(n, type = "discrete", reverse = FALSE, ...)

scale_colour_parksAndRec(n, type = "discrete", reverse = FALSE, ...)

scale_fill_parksAndRec(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale

aesthetics The names of the aesthetics that this scale works with.

scale_name **[Deprecated]** The name of the scale that should be used for error messages associated with this scale.

palette A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., [scales::pal_hue\(\)](#)).

name The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

breaks One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts `rlang` [lambda](#) function notation.

labels One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.

- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(parksAndRec_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_parksAndRec()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_parksAndRec()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_parksAndRec()
```

rickAndMorty_pal	<i>Rick & Morty color palette</i>
------------------	---------------------------------------

Description

Rick & Morty color palette

Usage

```
rickAndMorty_pal(n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_rickAndMorty(n, type = "discrete", reverse = FALSE, ...)

scale_colour_rickAndMorty(n, type = "discrete", reverse = FALSE, ...)

scale_fill_rickAndMorty(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale

aesthetics The names of the aesthetics that this scale works with.

scale_name **[Deprecated]** The name of the scale that should be used for error messages associated with this scale.

palette A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., [scales::pal_hue\(\)](#)).

name The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.

breaks One of:

- NULL for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang [lambda](#) function notation.

labels One of:

- NULL for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.

- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(rickAndMorty_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_rickAndMorty()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_rickAndMorty()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_rickAndMorty()
```

simpsons_pal	<i>The Simpsons palette</i>
--------------	-----------------------------

Description

The Simpsons palette

Usage

```
simpsons_pal(n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_simpsons(n, type = "discrete", reverse = FALSE, ...)

scale_colour_simpsons(n, type = "discrete", reverse = FALSE, ...)

scale_fill_simpsons(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale aesthetics The names of the aesthetics that this scale works with. scale_name [Deprecated] The name of the scale that should be used for error messages associated with this scale. palette A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., scales::pal_hue()). name The name of the scale. Used as the axis or legend title. If waiver(), the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted. breaks One of: • NULL for no breaks • waiver() for the default breaks (the scale limits) • A character vector of breaks • A function that takes the limits as input and returns breaks as output. Also accepts rlang lambda function notation. labels One of: • NULL for no labels • waiver() for the default labels computed by the transformation object • A character vector giving labels (must be same length as breaks) • An expression vector (must be the same length as breaks). See ?plot-math for details.

- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(simpsons_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_simpsons()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_simpsons()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_simpsons()
```

spongeBob_pal	<i>Spongebob Squarepants palette</i>
---------------	--------------------------------------

Description

Spongebob Squarepants palette

Usage

```
spongeBob_pal(n, type = c("discrete", "continuous"), reverse = FALSE)

scale_color_spongeBob(n, type = "discrete", reverse = FALSE, ...)

scale_colour_spongeBob(n, type = "discrete", reverse = FALSE, ...)

scale_fill_spongeBob(n, type = "discrete", reverse = FALSE, ...)
```

Arguments

n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale

aesthetics The names of the aesthetics that this scale works with.

scale_name **[Deprecated]** The name of the scale that should be used for error messages associated with this scale.

palette A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., [scales::pal_hue\(\)](#)).

name The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

breaks One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang [lambda](#) function notation.

labels One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.

- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(spongeBob_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_spongeBob()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_spongeBob()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_spongeBob()
```

stevenUniverse_pal	<i>Gems & Friends of Steven Universe palette</i>
--------------------	--

Description

Steven, Garnet, Amethyst, Pearl, Peridot, Sardonyx, Nephrite, Sugilite, & more!

Usage

```
stevenUniverse_pal(
  palette = "Steven",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)
```

```
scale_color_stevenUniverse(
  palette = "Steven",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)
```

```
scale_colour_stevenUniverse(
  palette = "Steven",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)
```

```
scale_fill_stevenUniverse(
  palette = "Steven",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)
```

Arguments

palette	name of palette, Default: "Steven"
n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE

...

Arguments passed on to `ggplot2::discrete_scale`

aesthetics The names of the aesthetics that this scale works with.

scale_name **[Deprecated]** The name of the scale that should be used for error messages associated with this scale.

name The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

breaks One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang `lambda` function notation.

labels One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.
- A function that takes the breaks as input and returns labels as output. Also accepts rlang `lambda` function notation.

limits One of:

- `NULL` to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

guide A function used to create a guide or its name. See `guides()` for more information.

position For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

`call` The call used to construct the scale for reporting messages.
`super` The super class to use for the constructed scale

Examples

```
library(scales)
show_col(stevenUniverse_pal(palette = "Steven")(5))
show_col(stevenUniverse_pal(palette = "Pearl")(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_stevenUniverse(palette = "Steven")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_stevenUniverse(palette = "Peridot")

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_stevenUniverse(palette = "LapisLazuli")
```

 theme_avatar

Avatar: The Last Airbender theme

Description

Avatar: The Last Airbender theme, Recommended font: "Slayer"

Usage

```
theme_avatar(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 14,
  text.size = 10,
  subtitle.size = 12,
  axis.title.size = 10,
  axis.text.size = 8,
  legend.title.size = 10,
  legend.text.size = 8,
  title.color = NULL,
  subtitle.color = "grey20",
  text.color = NULL,
  axis.title.color = "grey20",
  axis.text.color = "grey20",
```

```

    legend.title.color = "grey20",
    legend.text.color = "grey20",
    legend.position = "bottom",
    ticks = FALSE
  )

```

Arguments

text.font	text font, Default: NULL
title.font	title font, Default: NULL
legend.font	legend font, Default: NULL
title.size	title font size, Default: 14
text.size	text font size, Default: 10
subtitle.size	subtitle font size, Default: 12
axis.title.size	axis title font size, Default: 10
axis.text.size	axis text font size, Default: 8
legend.title.size	legend title font size, Default: 10
legend.text.size	legend text font size, Default: 8
title.color	title color, Default: NULL
subtitle.color	subtitle color, Default: "grey20"
text.color	text color, Default: NULL
axis.title.color	axis title color, Default: "grey20"
axis.text.color	axis text color, Default: "grey20"
legend.title.color	legend title color, Default: "grey20"
legend.text.color	legend text color, Default: "grey20"
legend.position	legend position, Default: "bottom"
ticks	add axis ticks, Default: FALSE

See Also

[ggplot2::theme]

Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_avatar() +
  theme_avatar()
```

theme_brooklyn99	<i>Brooklyn Nine-Nine theme</i>
------------------	---------------------------------

Description

Brooklyn Nine-Nine theme, Recommended font: "Roboto Condensed" (title), "Calibri Light" (other text)

Usage

```
theme_brooklyn99(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#F9FEFF",
  subtitle.color = "#F9FEFF",
  text.color = "#F9FEFF",
  axis.title.color = "#F9FEFF",
  axis.text.color = "#F9FEFF",
  legend.title.color = "#F9FEFF",
  legend.text.color = "#F9FEFF",
  legend.position = "bottom",
  ticks = FALSE
)
```

Arguments

text.font	text font, Default: NULL
title.font	title font, Default: NULL
legend.font	legend font, Default: NULL

title.size	title font size, Default: 18
text.size	text font size, Default: 14
subtitle.size	subtitle font size, Default: 12
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 12
legend.title.size	legend title font size, Default: 10
legend.text.size	legend text font size, Default: 9
title.color	title color, Default: "F9FEFF"
subtitle.color	subtitle color, Default: "F9FEFF"
text.color	text color, Default: "F9FEFF"
axis.title.color	axis title color, Default: "F9FEFF"
axis.text.color	axis text color, Default: "F9FEFF"
legend.title.color	legend title color, Default: "F9FEFF"
legend.text.color	legend text color, Default: "F9FEFF"
legend.position	legend position, Default: "bottom"
ticks	add axis ticks, Default: FALSE

Details

Actual font: Variants of 'Univers'

See Also

[ggplot2::theme]

Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_brooklyn99() +
  theme_brooklyn99()
```

theme_hildaDay	<i>Hilda "Day" theme</i>
----------------	--------------------------

Description

Hilda Day theme

Usage

```
theme_hildaDay(
  text.font = "Chelsea Market",
  title.font = "Chelsea Market",
  legend.font = "Chelsea Market",
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#659794",
  subtitle.color = "#659794",
  text.color = "#659794",
  axis.title.color = "#659794",
  axis.text.color = "#93a1a1",
  legend.title.color = "#659794",
  legend.text.color = "#93a1a1",
  legend.position = "bottom",
  ticks = FALSE
)
```

Arguments

text.font	text font, Default: "Chelsea Market"
title.font	title font, Default: "Chelsea Market"
legend.font	legend font, Default: "Chelsea Market"
title.size	title font size, Default: 18
text.size	text font size, Default: 14
subtitle.size	subtitle font size, Default: 12
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 12
legend.title.size	legend title font size, Default: 10

legend.text.size legend text font size, Default: 9

title.color title color, Default: '#F9FEFF'

subtitle.color subtitle color, Default: '#F9FEFF'

text.color text color, Default: '#F9FEFF'

axis.title.color axis title color, Default: '#F9FEFF'

axis.text.color axis text color, Default: '#F9FEFF'

legend.title.color legend title color, Default: '#F9FEFF'

legend.text.color legend text color, Default: '#F9FEFF'

legend.position legend position, Default: 'bottom'

ticks add axis ticks, Default: FALSE

Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Day") +
  theme_hildaDay(text.font = "Times", title.font = "Times",
    legend.font = "Times")
```

theme_hildaDusk	<i>Hilda "Dusk" theme</i>
-----------------	---------------------------

Description

Hilda theme

Usage

```
theme_hildaDusk(
  text.font = "Chelsea Market",
  title.font = "Chelsea Market",
  legend.font = "Chelsea Market",
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
```

```

    legend.title.size = 10,
    legend.text.size = 9,
    title.color = "#F9FEFF",
    subtitle.color = "#F9FEFF",
    text.color = "#F9FEFF",
    axis.title.color = "#F9FEFF",
    axis.text.color = "#F9FEFF",
    legend.title.color = "#F9FEFF",
    legend.text.color = "#F9FEFF",
    legend.position = "bottom",
    ticks = FALSE
)

```

Arguments

text.font	text font, Default: "Chelsea Market"
title.font	title font, Default: "Chelsea Market"
legend.font	legend font, Default: "Chelsea Market"
title.size	title font size, Default: 18
text.size	text font size, Default: 14
subtitle.size	subtitle font size, Default: 12
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 12
legend.title.size	legend title font size, Default: 10
legend.text.size	legend text font size, Default: 9
title.color	title color, Default: '#F9FEFF'
subtitle.color	subtitle color, Default: '#F9FEFF'
text.color	text color, Default: '#F9FEFF'
axis.title.color	axis title color, Default: '#F9FEFF'
axis.text.color	axis text color, Default: '#F9FEFF'
legend.title.color	legend title color, Default: '#F9FEFF'
legend.text.color	legend text color, Default: '#F9FEFF'
legend.position	legend position, Default: 'bottom'
ticks	add axis ticks, Default: FALSE

Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Dusk") +
  theme_hildaDusk(text.font = "Times", title.font = "Times",
    legend.font = "Times")
```

theme_hildaNight	<i>Hilda "Night" theme</i>
------------------	----------------------------

Description

Hilda theme

Usage

```
theme_hildaNight(
  text.font = "Chelsea Market",
  title.font = "Chelsea Market",
  legend.font = "Chelsea Market",
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#F9FEFF",
  subtitle.color = "#F9FEFF",
  text.color = "#F9FEFF",
  axis.title.color = "#F9FEFF",
  axis.text.color = "#F9FEFF",
  legend.title.color = "#F9FEFF",
  legend.text.color = "#F9FEFF",
  legend.position = "bottom",
  ticks = FALSE
)
```

Arguments

text.font	text font, Default: "Chelsea Market"
title.font	title font, Default: "Chelsea Market"
legend.font	legend font, Default: "Chelsea Market"

title.size	title font size, Default: 18
text.size	text font size, Default: 14
subtitle.size	subtitle font size, Default: 12
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 12
legend.title.size	legend title font size, Default: 10
legend.text.size	legend text font size, Default: 9
title.color	title color, Default: '#F9FEFF'
subtitle.color	subtitle color, Default: '#F9FEFF'
text.color	text color, Default: '#F9FEFF'
axis.title.color	axis title color, Default: '#F9FEFF'
axis.text.color	axis text color, Default: '#F9FEFF'
legend.title.color	legend title color, Default: '#F9FEFF'
legend.text.color	legend text color, Default: '#F9FEFF'
legend.position	legend position, Default: 'bottom'
ticks	add axis ticks, Default: FALSE

Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Night") +
  theme_hildaNight(text.font = "Times", title.font = "Times",
    legend.font = "Times")
```

theme_parksAndRec	<i>Parks & Recreation theme</i>
-------------------	-------------------------------------

Description

Parks & Recreation theme, Recommended font: "Titillium Web"

Usage

```

theme_parksAndRec(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 20,
  text.size = 16,
  subtitle.size = 14,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 14,
  legend.text.size = 12,
  title.color = NULL,
  subtitle.color = NULL,
  text.color = NULL,
  axis.title.color = "black",
  axis.text.color = "black",
  legend.title.color = NULL,
  legend.text.color = NULL,
  legend.position = "bottom",
  ticks = FALSE
)

```

Arguments

text.font	text font, Default: NULL
title.font	title font, Default: NULL
legend.font	legend font, Default: NULL
title.size	title font size, Default: 20
text.size	text font size, Default: 16
subtitle.size	subtitle font size, Default: 14
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 12
legend.title.size	legend title font size, Default: 14
legend.text.size	legend text font size, Default: 12
title.color	title color, Default: NULL
subtitle.color	subtitle.color, Default: NULL
text.color	text color, Default: NULL
axis.title.color	axis title color, Default: NULL
axis.text.color	axis text color, Default: NULL

legend.title.color	legend title color, Default: NULL
legend.text.color	legend text color, Default: NULL
legend.position	legend position, Default: "bottom"
ticks	add axis ticks, Default: FALSE

Details

Actual font: 'Champion HTF-Heavyweight'

See Also

[ggplot2::theme]

Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_parksAndRec() +
  theme_parksAndRec()
```

theme_parksAndRecLight

Parks & Recreation "Light" theme

Description

Parks & Recreation light theme, Recommended font: "Titillium Web"

Usage

```
theme_parksAndRecLight(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 20,
  text.size = 16,
  subtitle.size = 14,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 14,
  legend.text.size = 12,
  title.color = "grey20",
```

```

        subtitle.color = "grey20",
        text.color = "grey20",
        axis.title.color = "grey20",
        axis.text.color = "grey20",
        legend.title.color = "grey20",
        legend.text.color = "grey20",
        legend.position = "bottom",
        ticks = FALSE
    )

```

Arguments

text.font	text font, Default: NULL
title.font	title font, Default: NULL
legend.font	legend font, Default: NULL
title.size	title font size, Default: 20
text.size	text font size, Default: 16
subtitle.size	subtitle font size, Default: 14
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 12
legend.title.size	legend title font size, Default: 14
legend.text.size	legend text font size, Default: 12
title.color	title color, Default: "grey20"
subtitle.color	subtitle color, Default: "grey20"
text.color	text color, Default: "grey20"
axis.title.color	axis title color, Default: "grey20"
axis.text.color	axis text color, Default: "grey20"
legend.title.color	legend title color, Default: "grey20"
legend.text.color	legend text color, Default: "grey20"
legend.position	legend position, Default: "bottom"
ticks	add axis ticks, Default: FALSE

Details

Actual font: 'Champion HTF-Heavyweight'

See Also

[ggplot2::theme]

Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_parksAndRec() +
  theme_parksAndRecLight()
```

theme_parksAndRec_light

Parks & Recreation "Light" theme (deprecated)

Description

Parks & Recreation light theme, Recommended font: "Titillium Web"

Usage

```
theme_parksAndRec_light(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 20,
  text.size = 16,
  subtitle.size = 14,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 14,
  legend.text.size = 12,
  title.color = "grey20",
  subtitle.color = "grey20",
  text.color = "grey20",
  axis.title.color = "grey20",
  axis.text.color = "grey20",
  legend.title.color = "grey20",
  legend.text.color = "grey20",
  legend.position = "bottom",
  ticks = FALSE
)
```

Arguments

text.font	text font, Default: NULL
title.font	title font, Default: NULL
legend.font	legend font, Default: NULL
title.size	title font size, Default: 20
text.size	text font size, Default: 16
subtitle.size	subtitle font size, Default: 14
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 12
legend.title.size	legend title font size, Default: 14
legend.text.size	legend text font size, Default: 12
title.color	title color, Default: "grey20"
subtitle.color	subtitle color, Default: "grey20"
text.color	text color, Default: "grey20"
axis.title.color	axis title color, Default: "grey20"
axis.text.color	axis text color, Default: "grey20"
legend.title.color	legend title color, Default: "grey20"
legend.text.color	legend text color, Default: "grey20"
legend.position	legend position, Default: "bottom"
ticks	add axis ticks, Default: FALSE

Details

Actual font: 'Champion HTF-Heavyweight' This function has been deprecated in favor of 'theme_parksAndRecLight' to follow the naming conventions of the package.

See Also

[ggplot2::theme]

theme_rickAndMorty	<i>Rick & Morty theme</i>
--------------------	-------------------------------

Description

Rick & Morty theme, Recommended font: "Get Schwifty"

Usage

```
theme_rickAndMorty(
    text.font = NULL,
    title.font = NULL,
    legend.font = NULL,
    title.size = 20,
    text.size = 12,
    subtitle.size = 14,
    axis.title.size = 14,
    axis.text.size = 10,
    legend.title.size = 10,
    legend.text.size = 9,
    title.color = NULL,
    subtitle.color = NULL,
    text.color = NULL,
    axis.title.color = NULL,
    axis.text.color = "black",
    legend.title.color = NULL,
    legend.text.color = NULL,
    legend.position = "bottom",
    ticks = FALSE
)
```

Arguments

text.font	text font, Default: NULL
title.font	title font, Default: NULL
legend.font	legend font, Default: NULL
title.size	title size, Default: 20
text.size	text font size, Default: 12
subtitle.size	subtitle font size, Default: 14
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 10
legend.title.size	legend title font size, Default: 10

legend.text.size	legend text font size, Default: 9
title.color	title color, Default: NULL
subtitle.color	subtitle.color, Default: NULL
text.color	text color, Default: NULL
axis.title.color	axis title color, Default: NULL
axis.text.color	axis text color, Default: "black"
legend.title.color	legend title color, Default: NULL
legend.text.color	legend text color, Default: NULL
legend.position	legend position, Default: "bottom"
ticks	add axis ticks, Default: FALSE

Details

Actual font is based on Justin Roiland's handwriting!

See Also

[ggplot2::theme]

Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_rickAndMorty() +
  theme_rickAndMorty()
```

theme_simpsons

The Simpsons theme

Description

The Simpsons theme, Recommended font: "Akbar"

Usage

```

theme_simpsons(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 10,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#FFD235",
  subtitle.color = "#fee8c8",
  text.color = "#fee8c8",
  axis.title.color = "#fee8c8",
  axis.text.color = "#fee8c8",
  legend.title.color = "#ffffff",
  legend.text.color = "#ffffff",
  legend.position = "bottom",
  ticks = FALSE
)

```

Arguments

text.font	text font, Default: NULL
title.font	title font, Default: NULL
legend.font	legend font, Default: NULL
title.size	title font size, Default: 18
text.size	text font size, Default: 14
subtitle.size	subtitle font size, Default: 12
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 10
legend.title.size	legend title font size, Default: 10
legend.text.size	legend text font size, Default: 9
title.color	title color, Default: "#FFD235"
subtitle.color	subtitle.color, Default: "#fee8c8"
text.color	text color, Default: "#fee8c8"
axis.title.color	axis title color, Default: "#fee8c8"
axis.text.color	axis text color, Default: "#fee8c8"

```

legend.title.color      legend title color, Default: "#ffffff"
legend.text.color       legend text color, Default: "#ffffff"
legend.position         legend position, Default: "bottom"
ticks                  add axis ticks, Default: FALSE

```

Details

In part inspired by ‘@nathancunn’'s blog posts on The Simpsons!

See Also

[ggplot2::theme]

Examples

```

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_simpsons() +
  theme_simpsons()

```

theme_spongeBob	<i>Spongebob Squarepants theme</i>
-----------------	------------------------------------

Description

Spongebob Squarepants theme, Recommended font: "Some Time Later"

Usage

```

theme_spongeBob(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 18,
  text.size = 12,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#F9FEFF",
  subtitle.color = "#F9FEFF",

```

```

    text.color = "#F9FEFF",
    axis.title.color = "#F9FEFF",
    axis.text.color = "#F9FEFF",
    legend.title.color = "#F9FEFF",
    legend.text.color = "#F9FEFF",
    legend.position = "bottom",
    ticks = FALSE
)

```

Arguments

text.font	text font, Default: NULL
title.font	title font, Default: NULL
legend.font	legend font, Default: NULL
title.size	size of title, Default: 18
text.size	text font size, Default: 12
subtitle.size	subtitle font size, Default: 12
axis.title.size	axis title font size, Default: 14
axis.text.size	axis text font size, Default: 12
legend.title.size	legend title font size, Default: 10
legend.text.size	legend text font size, Default: 9
title.color	title color, Default: "F9FEFF"
subtitle.color	subtitle color, Default: "F9FEFF"
text.color	text color, Default: "F9FEFF"
axis.title.color	axis title color, Default: "F9FEFF"
axis.text.color	axis text color, Default: "F9FEFF"
legend.title.color	legend title color, Default: "F9FEFF"
legend.text.color	legend text color, Default: "F9FEFF"
legend.position	legend position, Default: "bottom"
ticks	add axis ticks, Default: FALSE

Details

Spongbobify your plots even more by combining with `'paintBikiniBottom()'`!

See Also

[[tvthemes::paintBikiniBottom](#)]

Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_spongeBob() +
  theme_spongeBob()
```

theme_theLastAirbender

Avatar: The Last Airbender theme (deprecated)

Description

Avatar: The Last Airbender theme, Recommended font: "Slayer"

Usage

```
theme_theLastAirbender(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 14,
  text.size = 10,
  subtitle.size = 12,
  axis.title.size = 10,
  axis.text.size = 8,
  legend.title.size = 10,
  legend.text.size = 8,
  title.color = NULL,
  subtitle.color = "grey20",
  text.color = NULL,
  axis.title.color = "grey20",
  axis.text.color = "grey20",
  legend.title.color = "grey20",
  legend.text.color = "grey20",
  legend.position = "bottom",
  ticks = FALSE
)
```

Arguments

text.font	text font, Default: NULL
title.font	title font, Default: NULL
legend.font	legend font, Default: NULL

title.size	title font size, Default: 14
text.size	text font size, Default: 10
subtitle.size	subtitle font size, Default: 12
axis.title.size	axis title font size, Default: 10
axis.text.size	axis text font size, Default: 8
legend.title.size	legend title font size, Default: 10
legend.text.size	legend text font size, Default: 8
title.color	title color, Default: NULL
subtitle.color	subtitle color, Default: "grey20"
text.color	text color, Default: NULL
axis.title.color	axis title color, Default: "grey20"
axis.text.color	axis text color, Default: "grey20"
legend.title.color	legend title color, Default: "grey20"
legend.text.color	legend text color, Default: "grey20"
legend.position	legend position, Default: "bottom"
ticks	add axis ticks, Default: FALSE

See Also

[ggplot2::theme]

westeros_pal	<i>Great Houses of Westeros palette</i>
--------------	---

Description

Houses Stark, Lannister, Tyrell, Targaryen, Tully, Greyjoy, Manderly, Martell, Stannis Baratheon, & Arryn

Usage

```
westeros_pal(
  palette = "Stark",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)
```

```
scale_color_westeros(
  palette = "Stark",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)
```

```
scale_colour_westeros(
  palette = "Stark",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)
```

```
scale_fill_westeros(
  palette = "Stark",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)
```

Arguments

palette	name of palette, Default: "Stark"
n	number of colors
type	discrete or continuous
reverse	reverse order, Default: FALSE
...	Arguments passed on to ggplot2::discrete_scale
aesthetics	The names of the aesthetics that this scale works with.
scale_name	[Deprecated] The name of the scale that should be used for error messages associated with this scale.
name	The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If <code>NULL</code> , the legend title will be omitted.
breaks	One of:

- NULL for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang [lambda](#) function notation.

labels One of:

- NULL for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- An expression vector (must be the same length as breaks). See `?plot-math` for details.
- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

call The call used to construct the scale for reporting messages.

super The super class to use for the constructed scale

Examples

```
library(scales)
show_col(westeros_pal(palette = "Stark"))(5))
show_col(westeros_pal(palette = "Stannis"))(5))
```

```
library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_westeros(palette = "Stark")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_westeros(palette = "Stannis")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_westeros(palette = "Stannis")

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_westeros(palette = "Stannis")
```

Index

attackOnTitan_pal, 2
avatar_pal, 6
avatarTLA_pal, 4

bigHero6_pal, 9
brooklyn99_pal, 11

expansion(), 3, 6, 8, 10, 12, 15, 17, 22, 25,
27, 29, 31, 33, 56

font_import, 18, 19

ggplot2::discrete_scale, 3, 5, 7, 9, 12, 14,
16, 21, 24, 26, 28, 30, 33, 55
gravityFalls_pal, 14
guides(), 4, 6, 8, 10, 13, 15, 17, 22, 25, 27,
29, 31, 33, 56

hilda_pal, 16

import_avatar, 18
import_gravitationFalls, 18
import_rickAndMorty, 19
import_simpsons, 19
import_spongeBob, 20
import_theLastAirbender, 20

kimPossible_pal, 21

lambda, 3, 5, 6, 8, 10, 12, 14–17, 21, 22,
24–31, 33, 56

paintBikiniBottom, 23
parksAndRec_pal, 24

rickAndMorty_pal, 26

scale_color_attackOnTitan
(attackOnTitan_pal), 2
scale_color_avatar (avatar_pal), 6
scale_color_avatarTLA (avatarTLA_pal), 4
scale_color_bigHero6 (bigHero6_pal), 9
scale_color_brooklyn99
(brooklyn99_pal), 11
scale_color_gravityFalls
(gravityFalls_pal), 14
scale_color_hilda (hilda_pal), 16
scale_color_kimPossible
(kimPossible_pal), 21
scale_color_parksAndRec
(parksAndRec_pal), 24
scale_color_rickAndMorty
(rickAndMorty_pal), 26
scale_color_simpsons (simpsons_pal), 28
scale_color_spongeBob (spongeBob_pal),
30
scale_color_stevenUniverse
(stevenUniverse_pal), 32
scale_color_westeros (westeros_pal), 54
scale_colour_attackOnTitan
(attackOnTitan_pal), 2
scale_colour_avatar (avatar_pal), 6
scale_colour_avatarTLA (avatarTLA_pal),
4
scale_colour_bigHero6 (bigHero6_pal), 9
scale_colour_brooklyn99
(brooklyn99_pal), 11
scale_colour_gravityFalls
(gravityFalls_pal), 14
scale_colour_hilda (hilda_pal), 16
scale_colour_kimPossible
(kimPossible_pal), 21
scale_colour_parksAndRec
(parksAndRec_pal), 24
scale_colour_rickAndMorty
(rickAndMorty_pal), 26
scale_colour_simpsons (simpsons_pal), 28
scale_colour_spongeBob (spongeBob_pal),
30
scale_colour_stevenUniverse
(stevenUniverse_pal), 32

scale_colour_westeros (westeros_pal), 54
scale_fill_attackOnTitan
 (attackOnTitan_pal), 2
scale_fill_avatar (avatar_pal), 6
scale_fill_avatarTLA (avatarTLA_pal), 4
scale_fill_bigHero6 (bigHero6_pal), 9
scale_fill_brooklyn99 (brooklyn99_pal),
 11
scale_fill_gravityFalls
 (gravityFalls_pal), 14
scale_fill_hilda (hilda_pal), 16
scale_fill_kimPossible
 (kimPossible_pal), 21
scale_fill_parksAndRec
 (parksAndRec_pal), 24
scale_fill_rickAndMorty
 (rickAndMorty_pal), 26
scale_fill_simpsons (simpsons_pal), 28
scale_fill_spongeBob (spongeBob_pal), 30
scale_fill_stevenUniverse
 (stevenUniverse_pal), 32
scale_fill_westeros (westeros_pal), 54
scales::pal_hue(), 3, 9, 14, 21, 24, 26, 28,
 30
simpsons_pal, 28
spongeBob_pal, 30
stevenUniverse_pal, 32

theme_avatar, 34
theme_brooklyn99, 36
theme_hildaDay, 38
theme_hildaDusk, 39
theme_hildaNight, 41
theme_parksAndRec, 42
theme_parksAndRec_light, 46
theme_parksAndRecLight, 44
theme_rickAndMorty, 48
theme_simpsons, 49
theme_spongeBob, 51
theme_theLastAirbender, 53

westeros_pal, 54