

Package ‘ghibli’

April 16, 2020

Title Studio Ghibli Colour Palettes

Description Colour palettes inspired by Studio Ghibli <https://en.wikipedia.org/wiki/Studio_Ghibli> films, ported to R for your enjoyment.

Version 0.3.2

Depends R (>= 2.10)

License MIT + file LICENSE

Encoding UTF-8

LazyData true

Imports grDevices, prismatic

Suggests ggplot2, dplyr, knitr, rmarkdown, testthat, crayon, cowplot, codemetar

URL <https://ewenme.github.io/ghibli/>, <https://github.com/ewenme/ghibli>

BugReports <https://github.com/ewenme/ghibli/issues>

RoxygenNote 7.0.2

VignetteBuilder knitr

NeedsCompilation no

Author Ewen Henderson [aut, cre] (<<https://orcid.org/0000-0002-4748-4693>>),
Danielle Desrosiers [ctb],
Michael Chirico [ctb]

Maintainer Ewen Henderson <ewenhenderson@gmail.com>

Repository CRAN

Date/Publication 2020-04-16 07:40:02 UTC

R topics documented:

ggplot2-scales-continuous	2
ghibli_palette	3
ghibli_palettes	3
scale_colour_ghibli_d	4

Index	6
--------------	----------

`ggplot2-scales-continuous`*Continuous scales to use for ggplot2*

Description

These functions provide the option to use ghibli colours inside continuous palettes with the ‘ggplot2’ package.

Usage

```
scale_colour_ghibli_c(name, direction = 1, ...)
```

```
scale_color_ghibli_c(name, direction = 1, ...)
```

```
scale_fill_ghibli_c(name, direction = 1, ...)
```

Arguments

`name` Name of desired palette.

`direction` Either ‘1’ or ‘-1’. If ‘-1’ the palette will be reversed.

`...` Arguments to pass on to ‘ggplot2::scale_colour_gradientn()’ or ‘ggplot2::scale_fill_gradientn()’

Details

Available palettes are found in [ghibli_palettes](#).

Value

A ‘ScaleContinuous’ object that can be added to a ‘ggplot’ object

Examples

```
if (require('ggplot2')) {  
  ggplot(iris, aes(x = Sepal.Length, y = Sepal.Width, colour = Petal.Length)) +  
    geom_point() +  
    scale_colour_ghibli_c("PonyoMedium")  
}
```

ghibli_palette *A Studio Ghibli palette generator*

Description

These are some color palettes from Studio Ghibli films. All color schemes are derived from [Movies In Color](#).

Usage

```
ghibli_palette(name, n, direction = 1, type = c("discrete", "continuous"))
```

Arguments

name	Name of desired palette.
n	Number of colors desired. All palettes now only have seven colors. If omitted, uses all colours.
direction	Either '1' or '-1'. If '-1' the palette will be reversed.
type	Either "continuous" or "discrete". Use continuous if you want to automatically interpolate between colours.

Value

A vector of colours.

Examples

```
ghibli_palette("PonyoLight")
ghibli_palette("LaputaMedium")
ghibli_palette("SpiritedDark")
ghibli_palette("MarnieMedium2", 3)

# If you need more colours than normally found in a palette, you
# can use a continuous palette to interpolate between existing
# colours
pal <- ghibli_palette(name = "YesterdayLight", n = 21, type = "continuous")
```

ghibli_palettes *Complete list of available ghibli palettes*

Description

A list of all colour palettes to choose from, and preview directly in the console.

Usage

ghibli_palettes

Format

A list of 27 color objects elements.

Details

Pretty print and plot methods are powered by the [prismatic](#) package. Each palette is stored as a color object to enact this behaviour.

See Also

See [ghibli_palette](#) to construct palettes of desired length, and [colour](#) for constructing color objects.

scale_colour_ghibli_d *Discrete scales to use for ggplot2*

Description

These functions provide the option to use ghibli colours inside discrete palettes with the ‘ggplot2’ package.

Usage

```
scale_colour_ghibli_d(name, direction = 1, ...)
```

```
scale_color_ghibli_d(name, direction = 1, ...)
```

```
scale_fill_ghibli_d(name, direction = 1, ...)
```

Arguments

name	Name of desired palette.
direction	Either ‘1’ or ‘-1’. If ‘-1’ the palette will be reversed.
...	additional arguments to pass to discrete_scale

Details

Available palettes are found in [ghibli_palettes](#).

Examples

```
if (require('ggplot2')) {  
  ggplot(iris, aes(x = Sepal.Length, y = Sepal.Width, colour = Species)) +  
    geom_point() +  
    scale_colour_ghibli_d("PonyoMedium")  
}
```

Index

*Topic **colors**

ghibli_palette, 3

*Topic **datasets**

ghibli_palettes, 3

colour, 4

ggplot2-scales-continuous, 2

ghibli_palette, 3, 4

ghibli_palettes, 2, 3, 4

scale_color_ghibli_c

(ggplot2-scales-continuous), 2

scale_color_ghibli_d

(scale_colour_ghibli_d), 4

scale_colour_ghibli_c

(ggplot2-scales-continuous), 2

scale_colour_ghibli_d, 4

scale_fill_ghibli_c

(ggplot2-scales-continuous), 2

scale_fill_ghibli_d

(scale_colour_ghibli_d), 4