

# Package ‘ghibli’

August 26, 2022

**Title** Studio Ghibli Colour Palettes

**Description** Colour palettes inspired by Studio Ghibli <[https://en.wikipedia.org/wiki/Studio\\_Ghibli](https://en.wikipedia.org/wiki/Studio_Ghibli)> films, ported to R for your enjoyment.

**Version** 0.3.3

**Depends** R (>= 2.10)

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Imports** grDevices, prismatic

**Suggests** ggplot2, dplyr, knitr, rmarkdown, testthat, crayon, cowplot, codemeta

**URL** <https://ewenme.github.io/ghibli/>

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

**RoxygenNote** 7.2.1

**VignetteBuilder** knitr

**NeedsCompilation** no

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**Repository** CRAN

**Date/Publication** 2022-08-26 13:52:03 UTC

## R topics documented:

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

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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*

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### 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

\* **colors**

ghibli\_palette, 3

\* **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