

# Package ‘ghibli’

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**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** 0.3.0

**Depends** R (>= 2.10)

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Imports** grDevices

**Suggests** ggplot2, dplyr, knitr, rmarkdown, testthat

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

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

**RoxygenNote** 6.1.1

**VignetteBuilder** knitr

**NeedsCompilation** no

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

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## 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")  
}
```

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ghibli\_palette      *A Studio Ghibli palette generator*

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## 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(21, name = "YesterdayLight", type = "continuous")
```

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ghibli_palettes	<i>Complete list of available ghibli palettes</i>
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**Description**

Use [ghibli\\_palette](#) to construct palettes of desired length.

**Usage**

```
ghibli_palettes
```

**Format**

A list of 27 character vector elements.

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scale_colour_ghibli_d	<i>Discrete scales to use for ggplot2</i>
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**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 <code>discrete_scale</code>

**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")  
}
```

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