

Package ‘nord’

February 5, 2018

Title Arctic Ice Studio's Nord and Group of Seven Inspired Colour Palettes

Version 0.0.1

Description Provides the Arctic Ice Studio's Nord and Group of Seven inspired colour palettes.

Depends R (>= 3.4.0)

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Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Imports ggplot2

Suggests testthat

NeedsCompilation no

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nord *nord palette colors ramped to a specified length*

Description

nord palette colors ramped to a specified length

Usage

```
nord(palette = "polarnight", n, alpha = 1, reverse = FALSE)
```

Arguments

palette	Choose from 'nord_palettes' list
n	Number of colors to display
alpha	transparency
reverse	If TRUE, the direction of the colours is reversed.

Examples

```
library(nord)
image(volcano, col = nord("aurora", 20))
```

nord_pal *nord palette with ramped colours*

Description

nord palette with ramped colours

Usage

```
nord_pal(palette = "polarnight", alpha = 1, reverse = FALSE)
```

Arguments

palette	Choose from 'nord_palettes' list
alpha	transparency
reverse	If TRUE, the direction of the colours is reversed.

nord_palettes	<i>Nord and northern-themed color palettes</i>
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Description

Nord: An arctic, north-bluish color palette. Created for the clean- and minimal flat design pattern to achieve a optimal focus and readability for code syntax highlighting and UI. It consists of four palettes utilizing a total of sixteen, carefully selected, dimmed pastel colors for a eye-comfortable, but yet colorful ambiance.

Usage

```
nord_palettes
```

Format

An object of class list of length 16.

Details

The available palettes are: polarnight snowstorm frost aurora

There are also 11 Colour palettes extracted from the works of the [Group of Seven](https://en.wikipedia.org/wiki/Group_of_S) and one color palette drawn from [Lumina Borealis](<https://www.luminaborealis.com/>)

nord_show_palette	<i>Display a color palette</i>
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Description

Given a character vector (hex RGB values), display palette in graphics window.

Usage

```
nord_show_palette(palette)
```

Arguments

palette	vector of character hex RGB values
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Examples

```
library(nord)
nord_show_palette("halifax_harbor")
```

scale_color_nord *nord color scale for ggplot2*

Description

nord color scale for ggplot2

Usage

```
scale_color_nord(palette = "polarnight", discrete = TRUE, alpha = 1,  
reverse = FALSE, ...)
```

```
scale_colour_nord(palette = "polarnight", discrete = TRUE, alpha = 1,  
reverse = FALSE, ...)
```

Arguments

palette	Choose from 'nord_palettes' list
discrete	whether to use a discrete colour palette
alpha	transparency
reverse	logical, Reverse the order of the colours?
...	additional arguments to pass to scale_color_gradientn

Examples

```
library(ggplot2)  
library(nord)  
  
ggplot(diamonds) +  
  geom_point(aes(x = carat, y = price, color = cut)) +  
  scale_color_nord("lumina")
```

scale_fill_nord *#' nord fill scale for ggplot2*

Description

#' nord fill scale for ggplot2

Usage

```
scale_fill_nord(palette = "polarnight", discrete = TRUE, alpha = 1,  
reverse = TRUE, ...)
```

Arguments

<code>palette</code>	Choose from 'nord_palettes' list
<code>discrete</code>	whether to use a discrete colour palette
<code>alpha</code>	pass through parameter to <code>viridis</code>
<code>reverse</code>	If TRUE, the direction of the colours is reversed.
<code>...</code>	additional arguments to pass to <code>scale_color_gradientn</code>

Examples

```
library(ggplot2)
library(nord)

ggplot(diamonds) +
  geom_bar(aes(x = cut, fill = clarity)) +
  scale_fill_nord("victory_bonds")
```

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