Package ‘PNWColors’

June 12, 2020

Type Package
Title Color Palettes Inspired by Nature in the US Pacific Northwest
Version 0.1.0
Author Jake Lawlor
Maintainer Jake Lawlor <jakealawlor@gmail.com>
Description PNW-Inspired Palettes for 'R' data visualizations. Palettes are variable in length and checked for colorblind accessibility from hue, saturation, and lightness value scaling using the 'Chroma.js Color Palette Helper' <https://gka.github.io/palettes/>.
Encoding UTF-8
LazyData true
License CC0
RoxygenNote 7.0.2
Suggests ggplot2
URL https://github.com/jakelawlor/PNWColors
NeedsCompilation no
Repository CRAN
Date/Publication 2020-06-12 10:40:02 UTC

R topics documented:

  pnw_palette ......................................................... 2
  pnw_palettes ...................................................... 2

Index 4
Description

This function builds palettes based on natural scenes in the Pacific Northwest. Each palette is inspired by the author's nature photography of the region, and checked for color blind safety using Chroma.js Color Palette Helper. View photos for each palette On Github.

Usage

```r
pnw_palette(name, n, type = c("discrete", "continuous"))
```

Arguments

- **name**: Name of the color palette. Options are Starfish, Shuksan, Bay, Winter, Lake, Sunset, Shuksan2, Cascades, Sailboat, Moth, Spring, Mushroom, Sunset2, Anemone
- **n**: Number of colors in the palette. Palettes include 5-8 colors, which can be used discretely, or if more are desired, used as a gradient. If omitted, n = length of palette.
- **type**: Usage of palette as "continuous" or "discrete". Continuous usage interpolates between colors to create a scale of values. If omitted, function assumes continuous if n > length of palette, and discrete if n < length of palette.

Value

A vector of colors.

Examples

```r
pnw_palette("Winter", n=100, type="continuous")
pnw_palette("Bay", 3)
pnw_palette("Starfish", 50)
```

Description

Use `names(pnw_palettes)` to view list of palette names. Currently: Starfish, Shuksan, Bay, Winter, Lake, Sunset, Shuksan2, Cascades, Sailboat, Moth, Spring, Mushroom, Sunset2, and Anemone.
Usage

pnw_palettes

Format

An object of class list of length 14.
Index

*Topic datasets
  pnw_palettes, 2

pnw_palette, 2
pnw_palettes, 2