

Package ‘PNWColors’

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Type Package

Title Color Palettes Inspired by Nature in the US Pacific Northwest

Version 0.1.0

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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

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`pnw_palette`*PNW Palette Generator.*

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

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

Arguments

<code>name</code>	Name of the color palette. Options are Starfish, Shuksan, Bay, Winter, Lake, Sunset, Shuksan2, Cascades, Sailboat, Moth, Spring, Mushroom, Sunset2, Anemone
<code>n</code>	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, <code>n = length of palette</code> .
<code>type</code>	Usage of palette as "continuous" or "discrete". Continuous usage interpolates between colors to create a scale of values. If omitted, function assumes continuous if <code>n > length of palette</code> , and discrete if <code>n < length of palette</code> .

Value

A vector of colors.

Examples

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

`pnw_palettes`*Complete list of palettes*

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.

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Usage

`pnw_palettes`

Format

An object of class `list` of length 14.

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