visColormap

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visColormap   *Function to define a colormap*

Description

`visColormap` is supposed to define a colormap. It returns a function, which will take an integer argument specifying how many colors interpolate the given colormap.

Usage

```
visColormap(colormap = c("bwr", "jet", "gbr", "wyr", "br", "yr",
"rainbow",
"wb"))
```

Arguments

colormap   short name for the colormap

Value

- `palette.name`: a function that takes an integer argument for generating that number of colors interpolating the given sequence

Note

The input colormap includes:

- "jet": jet colormap
- "bwr": blue-white-red
- "gbr": green-black-red
- "wyr": white-yellow-red
- "br": black-red
- "yr": yellow-red
- "wb": white-black
- "rainbow": rainbow colormap, that is, red-yellow-green-cyan-blue-magenta
- Alternatively, any hyphen-separated HTML color names, e.g. "blue-black-yellow", "royalblue-white-sandybrown", "darkblue-lightblue-lightyellow-darkorange", "darkgreen-white-darkviolet", "darkgreen-lightgreen-lightpink-darkred". A list of standard color names can be found in http://html-color-codes.info/color-names

See Also

[visColoralpha](#)

Examples

```
# 1) define "blue-white-red" colormap
palette.name <- visColormap(colormap="bwr")

# 2) use the return function "palette.name" to generate 10 colors spanning "bwr"
palette.name(10)
```