

# visColoralpha

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*Function to add transparent (alpha) into colors*

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## Description

visColoralpha is supposed to add transparent (alpha) into colors.

## Usage

```
visColoralpha(col, alpha)
```

## Arguments

|       |  |
|-------|--|
| col   | input colors. It can be vector of R color specifications, such as a color name (as listed by 'colors()), a hexadecimal string of the form "#rrggbb" or "#rrggbbaa" |
| alpha | numeric vector of values in the range [0, 1] for alpha transparency channel (0 means transparent and 1 means opaque)   |

## Value

a vector of colors (after transparent being added)

## Note

none

## See Also

[visColormap](#)

## 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"
col <- palette.name(10)

# 3) add transparent (alpha=0.5)
cols <- visColoralpha(col, alpha=0.5)
```