Package 'impressionist.colors'

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Type Package

Title Impressionism's Color Palettes

Version 1.0

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Description Provides color palettes from Impressionism and post-Impressionism artworks. This package allows to select colors combinations while looking at the original paintings where colors were sampled from.

License GPL-3

Encoding UTF-8

LazyData true

Imports graphics

NeedsCompilation no

Depends R (>= 2.10)

Repository CRAN

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`get.color` *Get color Hex codes from palette.*

Description

Provides colors' Hex codes from a specified palette.

Usage

```
get.color(artist, painting, color)
```

Arguments

`artist`	A number indicating artist. Artists have a numeric order in the package. Check palette.summary to see artists numeric order.
`painting`	A number indicating painting. Paintings have a numeric order in the artist category they belong to. Check palette.summary to see paintings numeric order in each artist category.
`color`	A numeric vector indicating colors. Colors have a numeric order in the palette they belong to. Check see.palette to see colors numeric order in a specified palette.

Details

Arguments artist and painting cannot be vectorized.

Value

The output is a vector of colors' Hex codes as characters.

Author(s)

Federico A Casale, <casale@hhu.de>

See Also

palette.summary, see.all.paintings, see.palette

Examples

```
get.color(artist=8, painting=2, color=c(1:5))
get.color(8, 2, c(1:5))
```

palette.list *palette.list*

Description

"impressionist.colors" package internal data storage.

palette.summary *Summary of all available palettes in the package.*

Description

Prints a summary of all available color palettes in the package categorized by artist and painting along with their numeric order.

Usage

```
palette.summary()
```

Author(s)

Federico A Casale, <casale@hhu.de>

See Also

see.all.paintings, see.palette, get.color,

Examples

```
palette.summary()
```

see.all.paintings *See all included paintings in the package.*

Description

Displays a plot with all paintings included in the package.

Usage

```
see.all.paintings()
```

Author(s)

Federico A Casale, <casale@hhu.de>

See Also

palette.summary, see.palette, get.color

Examples

```
see.all.paintings()
```

`see.palette` *See a color palette with the original painting.*

Description

Displays a plot with the specified color palette along with the original painting.

Usage

```
see.palette(artist, painting)
```

Arguments

`artist`	A number indicating artist. Artists have a number determined by their order in the package. Check palette.summary to see artists numeric order.
`painting`	A number indicating painting. Paintings have a number determined by their order in the artist category. Check palette.summary to see paintings numeric order in each artist category.

Details

Arguments artist and painting cannot be vectorized.

Author(s)

Federico A Casale, <casale@hhu.de>

See Also

palette.summary, see.all.paintings, get.color

Examples

```
see.palette(artist=8, painting=2)
see.palette(8, 2)
```

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