

Package ‘impressionist.colors’

October 13, 2022

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

Date/Publication 2020-03-31 16:20:02 UTC

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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))
```

<code>palette.list</code>	<i>palette.list</i>
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Description

"impressionist.colors" package internal data storage.

<code>palette.summary</code>	<i>Summary of all available palettes in the package.</i>
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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()
```

<code>see.all.paintings</code>	<i>See all included paintings in the package.</i>
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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	<i>See a color palette with the original painting.</i>
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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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