

Converting Colors

RGB(212, 224, 227)

Have a look what the booklet for
RGB(212, 224, 227) contains.

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Color

RGB(212, 224, 227)

Conversions

Conversions Part 1

Format	Color
Hex	D4E0E3
RGB	212, 224, 227
RGB Percent	83%, 88%, 89%
CMY	0.1686, 0.1216, 0.1098
CMYK	0.07, 0.01, 0.00, 0.11
HSL	192°, 21%, 86%
HSV	192°, 7%, 89%
XYZ	67.6722, 72.8544, 83.1686
YIQ	220.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

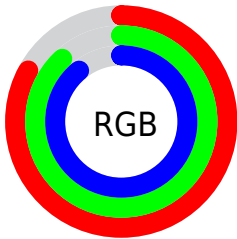
Format	Color
R _Y B	212, 219, 227
Decimal	13951203
CIE Lab	88.38, -3.43, -2.86
CIE LCh	88, 4.469, 219.786
Yxy	72.8544, 0.3025, 0.3257
Android (android.graphics.Color)	4292141283 (0xFFD4E0E3)
YUV	220.7540, 3.0793, -7.6773
Hunter-Lab	85.3548, -7.8501, 1.9769

Details

The RGB color **212, 224, 227** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **227, 215, 212**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 169, 172** is the 20% darker color. If you saturate the color by 10%, you get **189, 219, 227**, and if you desaturate by 10%, it is **235, 229, 227**.

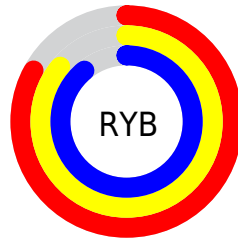
Distribution



Red (83%)

Green (88%)

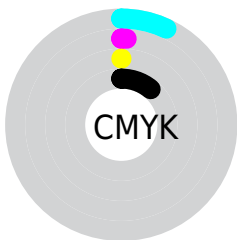
Blue (89%)



Red (83%)

Yellow (86%)

Blue (89%)

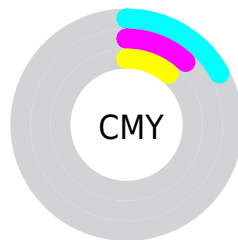


Cyan (7%)

Magenta (1%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 224, 227 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 212, 224, 227 by changing the saturation by 10% instead.

■ 212, 224, 227

255, 255, 255

■ 212, 224, 227

■ 184, 196, 199

■ 157, 169, 172

■ 131, 142, 145

■ 106, 117, 120

■ 82, 92, 95

■ 59, 69, 71

■ 37, 46, 49

■ 17, 26, 28

■ 0, 0, 0

■ 212, 224, 227

■ 212, 224, 227

■ 189, 219, 227

■ 235, 229, 227

■ 167, 215, 227

■ 255, 233, 227

■ 144, 210, 227

■ 255, 238, 227

■ 121, 206, 227

■ 255, 242, 227

■ 99, 201, 227

■ 255, 247, 227

■ 76, 197, 227

■ 255, 251, 227

■ 53, 192, 227

■ 255, 255, 227

■ 30, 188, 227

■ 8, 183, 227

Harmonies

Analogous

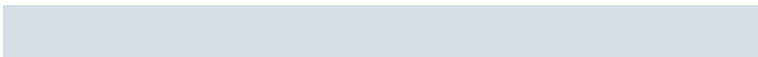
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 224, 223



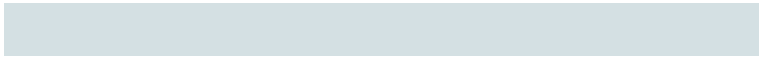
212, 224, 227



215, 223, 230

Triad

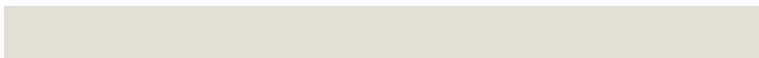
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 224, 227



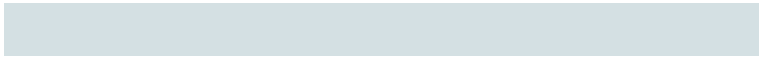
229, 219, 225



224, 222, 213

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



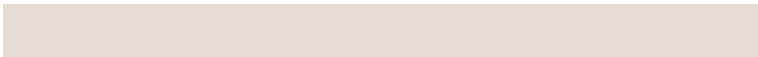
212, 224, 227



227, 215, 212

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 221, 214



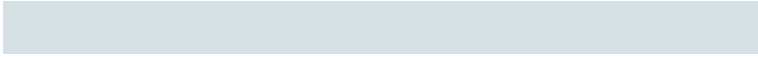
212, 224, 227



231, 219, 220

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



212, 224, 227



224, 220, 228



231, 219, 216



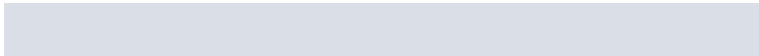
219, 223, 215

Rectangle

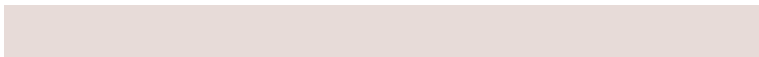
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212, 224, 227



218, 222, 230



231, 219, 216



226, 221, 213

Sweetspot

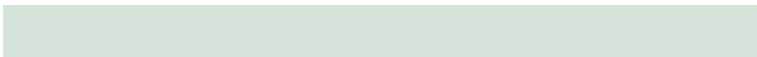
The Sweet Spot groups the original color and five complimentary colors.



212, 224, 227



250, 254, 255



212, 227, 215



125, 127, 128



0, 0, 0



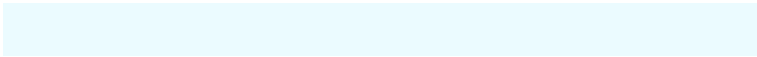
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



212, 224, 227



235, 251, 255



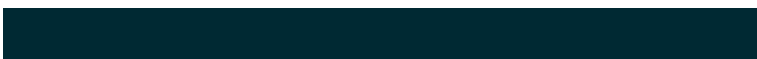
212, 217, 227



103, 112, 115



0, 143, 179



0, 41, 51

Inverse Universe

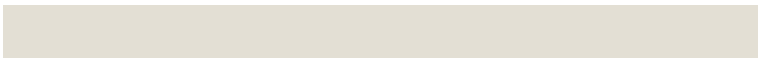
The Inverse Universe completely reimagines the original color for something new.



227, 212, 224



255, 235, 251



227, 223, 212



115, 103, 112



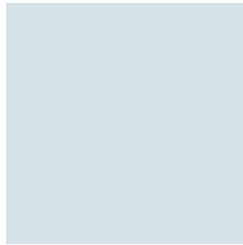
179, 0, 143



51, 0, 41

Previews

White Background



This preview shows how the RGB color 212, 224, 227 looks on a white background.

Color Contrast Check

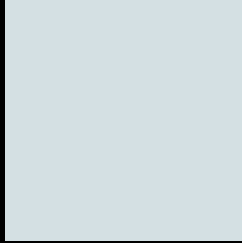
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 212, 224, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

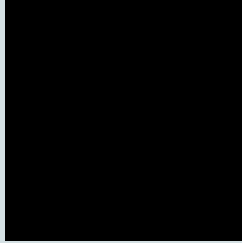
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

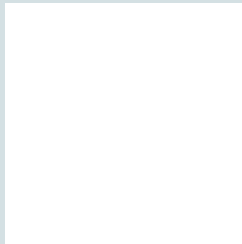
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 212, 224, 227 Background



This preview shows how black text looks on a background with the RGB color 212, 224, 227.

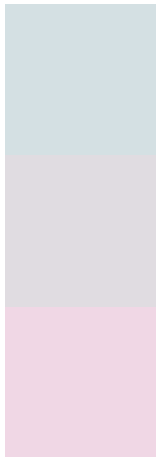


This preview shows how white text looks on a background with the RGB color 212, 224, 227.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
212, 224, 227

Protanopia
224, 220, 225

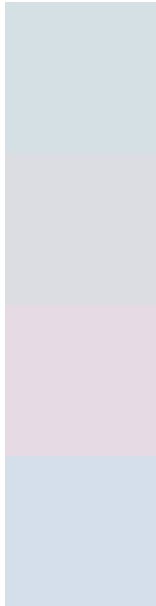
Deuteranopia
240, 215, 229



Tritanopia

214, 222, 240

Trichromacy



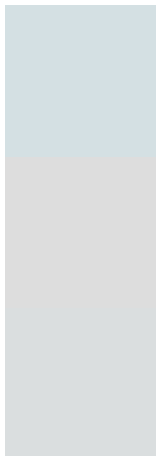
Original Color
212, 224, 227

Protanomaly
220, 221, 226

Deuteranomaly
230, 218, 228

Tritanomaly
213, 223, 235

Monochromacy



Original Color
212, 224, 227

Achromatopsia
221, 221, 221

Achromatomaly
218, 222, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 224, 227 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(212, 224, 227) looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 227)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 227) }
```

Border

The CSS property to change the border of an element to RGB 212, 224, 227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 224, 227) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 224, 227) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 212, 224, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 227) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212,  
224, 227) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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