

Converting Colors

RGB(217, 224, 235)

Have a look what the booklet for
RGB(217, 224, 235) contains.

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Color

RGB(217, 224, 235)

Conversions

Conversions Part 1

Format	Color
Hex	D9E0EB
RGB	217, 224, 235
RGB Percent	85%, 88%, 92%
CMY	0.1490, 0.1216, 0.0784
CMYK	0.08, 0.05, 0.00, 0.08
HSL	217°, 31%, 89%
HSV	217°, 8%, 92%
XYZ	70.2663, 74.0612, 89.1891
YIQ	223.1610, -7.7030, 1.9370

Conversions

Conversions Part 2

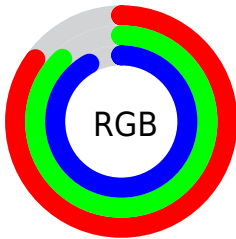
Format	Color
R _Y B	217, 222, 235
Decimal	14278891
CIE Lab	88.95, -0.27, -6.18
CIE LCh	89, 6.187, 267.486
Yxy	74.0612, 0.3009, 0.3172
Android (android.graphics.Color)	4292468971 (0xFFD9E0EB)
YUV	223.1610, 5.8366, -5.4032
Hunter-Lab	86.0588, -4.8591, -1.2054

Details

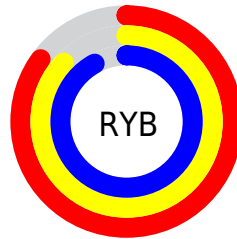
The RGB color **217, 224, 235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **235, 228, 217**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **162, 169, 179** is the 20% darker color. If you saturate the color by 10%, you get **194, 210, 235**, and if you desaturate by 10%, it is **240, 238, 235**.

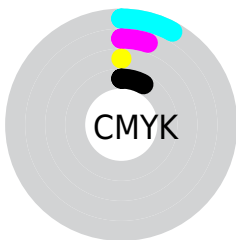
Distribution



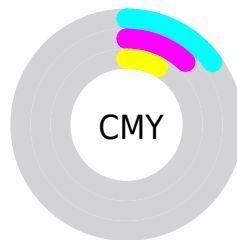
- Red (85%)
- Green (88%)
- Blue (92%)



- Red (85%)
- Yellow (87%)
- Blue (92%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 224, 235 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 217, 224, 235 by changing the saturation by 10% instead.

■ 217, 224, 235

255, 255, 255

■ 217, 224, 235

■ 189, 196, 207

■ 162, 169, 179

■ 136, 142, 153

■ 110, 117, 127

■ 86, 92, 102

■ 63, 69, 78

■ 41, 47, 55

■ 20, 26, 34


■ 0, 0, 11

 217, 224, 235

 217, 224, 235

 194, 210, 235


 240, 238, 235


 170, 195, 235


 255, 253, 235


 147, 181, 235


 255, 255, 235

 123, 167, 235

 100, 152, 235

 76, 138, 235

 53, 123, 235

 29, 109, 235

 6, 95, 235

Harmonies

Analogous

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



212, 226, 233



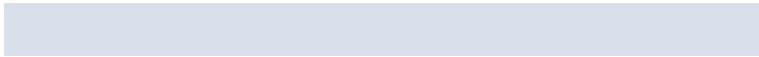
217, 224, 235



224, 222, 234

Triad

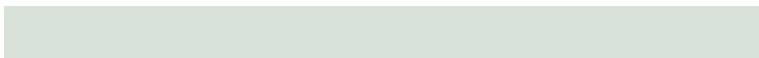
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 224, 235



237, 220, 218



216, 226, 217

Complementary

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



217, 224, 235



235, 228, 217

Split Complementary

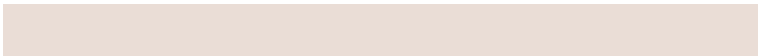
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222, 225, 213



217, 224, 235



234, 221, 214

Square

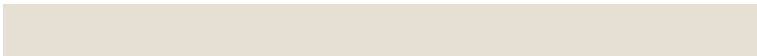
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217, 224, 235



235, 220, 224



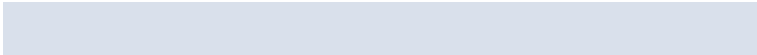
229, 223, 212



211, 227, 223

Rectangle

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



217, 224, 235



229, 221, 231



229, 223, 212



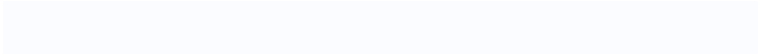
218, 226, 215

Sweetspot

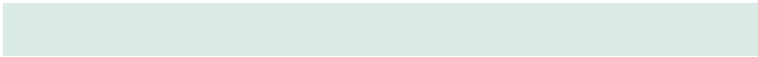
The Sweet Spot groups the original color and five complimentary colors.



217, 224, 235



250, 252, 255



217, 235, 228



125, 126, 128



0, 0, 0



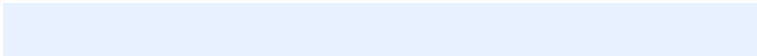
128, 128, 128

Same Dimension

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



217, 224, 235



232, 241, 255



219, 217, 235



106, 110, 117



0, 70, 181



0, 21, 54

Inverse Universe

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



235, 217, 224



255, 232, 241



233, 235, 217



117, 106, 110



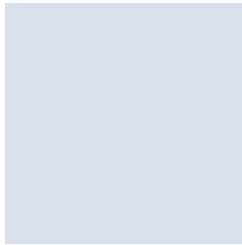
181, 0, 70



54, 0, 21

Previews

White Background



This preview shows how the RGB color 217, 224, 235 looks on a white background.

Color Contrast Check

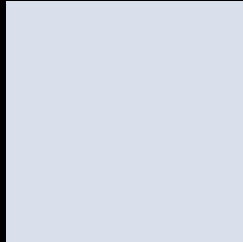
Large Text (above 18pt) WCAG AA × Fail

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 217, 224, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

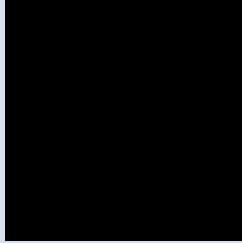
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

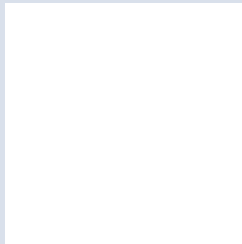
Any Text WCAG AAA ✓ Pass

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

RGB 217, 224, 235 Background



This preview shows how black text looks on a background with the RGB color 217, 224, 235.



This preview shows how white text looks on a background with the RGB color 217, 224, 235.

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](#).

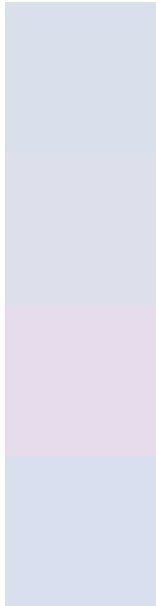
Dichromacy





Tritanopia
218, 223, 241

Trichromacy



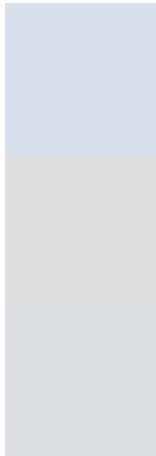
Original Color
217, 224, 235

Protanomaly
221, 223, 234

Deuteranomaly
231, 220, 236

Tritanomaly
218, 223, 239

Monochromacy



Original Color
217, 224, 235

Achromatopsia
223, 223, 223

Achromatomaly
221, 223, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 224, 235 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(217, 224, 235) looks like.

```
.text, #text, p{  
    color:rgb(217, 224, 235)  
}
```

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(217, 224, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 224, 235) }
```

Border

The CSS property to change the border of an element to RGB 217, 224, 235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

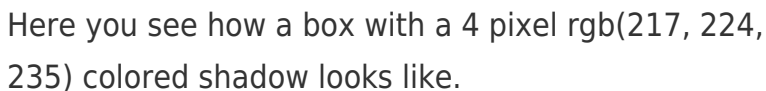
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 224, 235) }
```

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

```
.border{ border-color:rgb(217, 224, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 224, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 224, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 224, 235);  
box-shadow:4px 4px 4px 4px rgb(217, 224,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 217, 224, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 224, 235) }
```

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

```
.background{ background-color: rgb(217,  
224, 235) }
```

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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