

Converting Colors

RGB(217, 236, 240)

Have a look what the booklet for
RGB(217, 236, 240) contains.

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Color

RGB(217, 236, 240)

Conversions

Conversions Part 1

Format	Color
Hex	D9ECF0
RGB	217, 236, 240
RGB Percent	85%, 93%, 94%
CMY	0.1490, 0.0745, 0.0588
CMYK	0.10, 0.02, 0.00, 0.06
HSL	190°, 43%, 90%
HSV	190°, 10%, 94%
XYZ	74.3389, 81.0339, 94.1611
YIQ	230.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

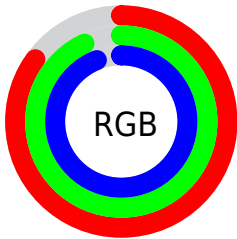
Format	Color
R _Y B	217, 227, 240
Decimal	14281968
CIE Lab	92.15, -5.47, -4.09
CIE LCh	92, 6.831, 216.744
Yxy	81.0339, 0.2979, 0.3247
Android (android.graphics.Color)	4292472048 (0xFFD9ECF0)
YUV	230.7750, 4.5479, -12.0807
Hunter-Lab	90.0188, -10.1250, 0.9949

Details

The RGB color **217, 236, 240** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **240, 221, 217**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 180, 184** is the 20% darker color. If you saturate the color by 10%, you get **193, 232, 240**, and if you desaturate by 10%, it is **241, 240, 240**.

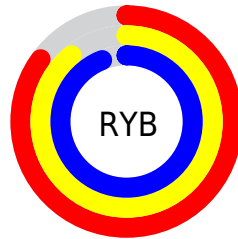
Distribution



Red (85%)

Green (93%)

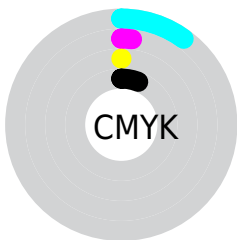
Blue (94%)



Red (85%)

Yellow (89%)

Blue (94%)

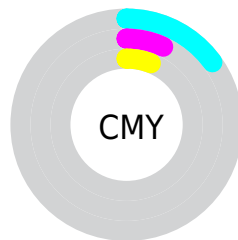


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (6%)



Cyan (15%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 236, 240 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, 236, 240 by changing the saturation by 10% instead.

■ 217, 236, 240

255, 255, 255

■ 217, 236, 240

■ 189, 208, 212

■ 162, 180, 184

■ 136, 153, 157

■ 110, 127, 131

■ 86, 102, 106

■ 62, 78, 82

■ 40, 56, 59

■ 19, 34, 37

■ 0, 12, 16

 217, 236, 240

 217, 236, 240

 193, 232, 240


 241, 240, 240

 169, 228, 240

 255, 244, 240

 145, 223, 240

 255, 249, 240

 121, 219, 240

 255, 253, 240

 97, 215, 240

 255, 255, 240

 73, 211, 240

 49, 207, 240

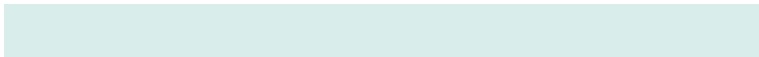
 25, 203, 240

 1, 198, 240

Harmonies

Analogous

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



217, 237, 234



217, 236, 240



221, 235, 244

Triad

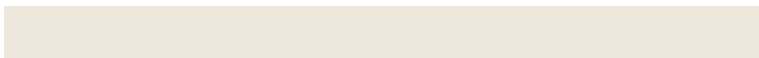
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217, 236, 240



243, 229, 238



237, 232, 219

Complementary

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



217, 236, 240



240, 221, 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.



243, 230, 221



217, 236, 240



247, 228, 231

Square

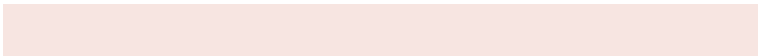
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217, 236, 240



236, 230, 243



247, 229, 225



229, 234, 222

Rectangle

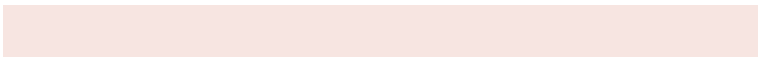
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



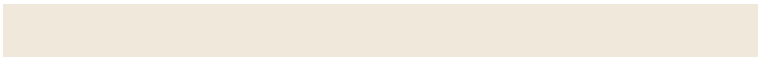
217, 236, 240



225, 233, 245



247, 229, 225



239, 232, 219

Sweetspot

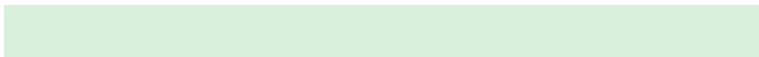
The Sweet Spot groups the original color and five complimentary colors.



217, 236, 240



247, 254, 255



217, 240, 221



122, 127, 128



0, 0, 0



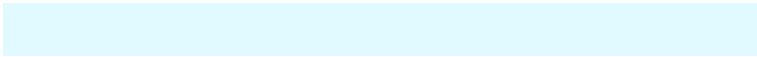
128, 128, 128

Same Dimension

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



217, 236, 240



224, 250, 255



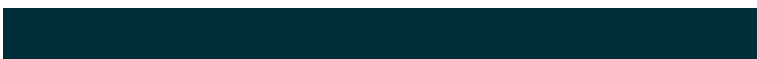
217, 225, 240



108, 118, 120



0, 152, 184



0, 46, 56

Inverse Universe

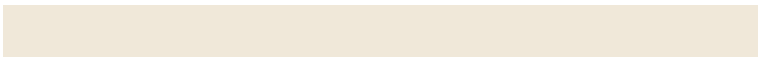
The Inverse Universe completely reimagines the original color for something new.



240, 217, 236



255, 224, 250



240, 232, 217



120, 108, 118



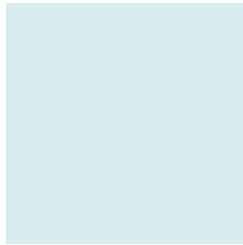
184, 0, 152



56, 0, 46

Previews

White Background



This preview shows how the RGB color 217, 236, 240 looks on a white background.

Color Contrast Check

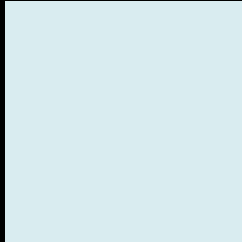
Large Text (above 18pt) WCAG AA × Fail

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, 236, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

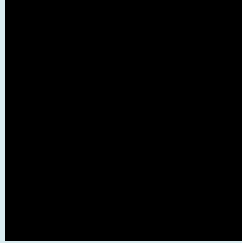
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

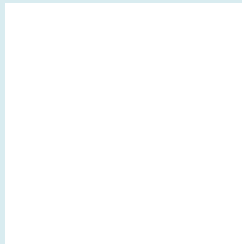
Any Text WCAG AAA ✓ Pass

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

RGB 217, 236, 240 Background



This preview shows how black text looks on a background with the RGB color 217, 236, 240.

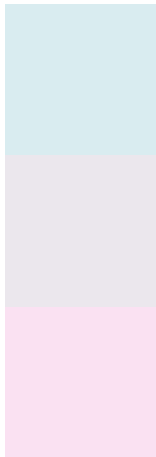


This preview shows how white text looks on a background with the RGB color 217, 236, 240.

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
217, 236, 240

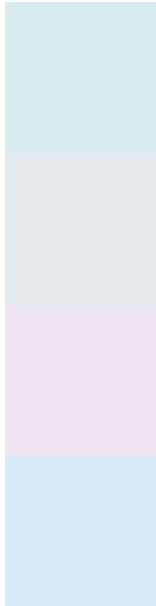
Protanopia
235, 231, 237

Deuteranopia
250, 225, 242



Tritanopia
219, 234, 253

Trichromacy



Original Color

217, 236, 240

Protanomaly

228, 233, 238

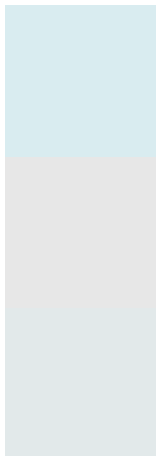
Deuteranomaly

238, 229, 241

Tritanomaly

218, 235, 248

Monochromacy



Original Color

217, 236, 240

Achromatopsia

231, 231, 231

Achromatomaly

226, 233, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 236, 240 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, 236, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 236, 240)  
}
```

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, 236, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 236, 240) }
```

Border

The CSS property to change the border of an element to RGB 217, 236, 240 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, 236, 240) }
```

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

```
.border{ border-color:rgb(217, 236, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 236, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 236, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 236, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 236,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 217, 236, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 236, 240) }
```

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

```
.background{ background-color: rgb(217,  
236, 240) }
```

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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