

Converting Colors

RGB(216, 235, 235)

Have a look what the booklet for
RGB(216, 235, 235) contains.

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Color

RGB(216, 235, 235)

Conversions

Conversions Part 1

Format	Color
Hex	D8EBEB
RGB	216, 235, 235
RGB Percent	85%, 92%, 92%
CMY	0.1529, 0.0784, 0.0784
CMYK	0.08, 0.00, 0.00, 0.08
HSL	180°, 32%, 88%
HSV	180°, 8%, 92%
XYZ	73.0226, 80.0137, 90.1928
YIQ	229.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

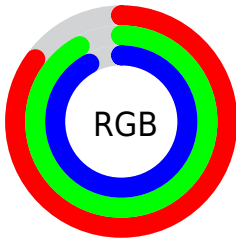
Format	Color
R _Y B	216, 226, 235
Decimal	14216171
CIE Lab	91.69, -6.24, -2.16
CIE LCh	92, 6.606, 199.055
Yxy	80.0137, 0.3002, 0.3290
Android (android.graphics.Color)	4292406251 (0xFFD8EBEB)
YUV	229.3190, 2.8007, -11.6808
Hunter-Lab	89.4504, -10.8202, 2.8332

Details

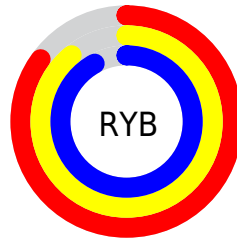
The RGB color **216, 235, 235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 216, 216**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **161, 179, 179** is the 20% darker color. If you saturate the color by 10%, you get **193, 235, 235**, and if you desaturate by 10%, it is **240, 235, 235**.

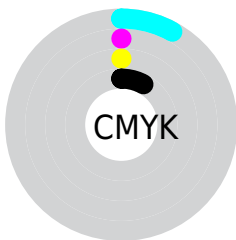
Distribution



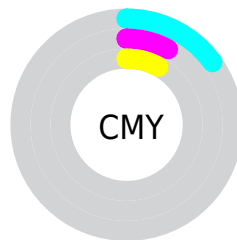
- Red (85%)
- Green (92%)
- Blue (92%)



- Red (85%)
- Yellow (89%)
- Blue (92%)



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 235, 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 216, 235, 235 by changing the saturation by 10% instead.

■ 216, 235, 235

255, 255, 255

■ 216, 235, 235

■ 188, 207, 207

■ 161, 179, 179

■ 135, 153, 153

■ 109, 127, 127

■ 85, 102, 102

■ 62, 78, 78

■ 39, 55, 55

■ 19, 33, 34

■ 0, 11, 11

 216, 235, 235

 216, 235, 235

 193, 235, 235

 240, 235, 235

 169, 235, 235

 255, 235, 235

 146, 235, 235

 122, 235, 235

 98, 235, 235

 75, 235, 235

 52, 235, 235

 28, 235, 235

 4, 235, 235

Harmonies

Analogous

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



219, 235, 229



216, 235, 235



217, 234, 240

Triad

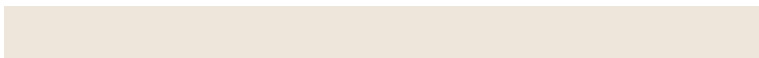
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216, 235, 235



237, 228, 240



239, 230, 219

Complementary

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



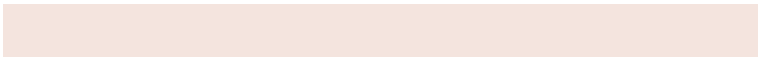
216, 235, 235



235, 216, 216

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.



244, 228, 222



216, 235, 235



243, 227, 234

Square

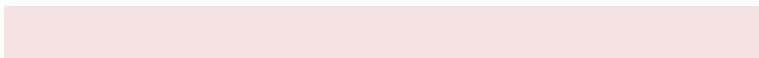
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



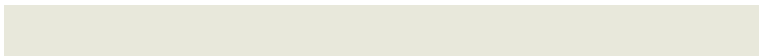
216, 235, 235



230, 230, 243



245, 227, 227



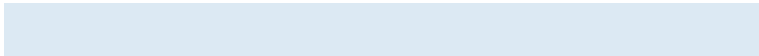
232, 232, 219

Rectangle

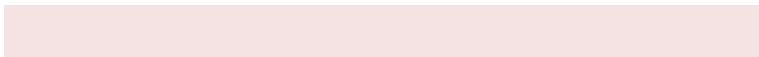
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



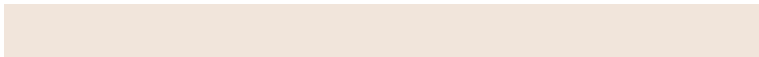
216, 235, 235



220, 233, 243



245, 227, 227



241, 229, 219

Sweetspot

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



216, 235, 235



250, 255, 255



216, 235, 216



125, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

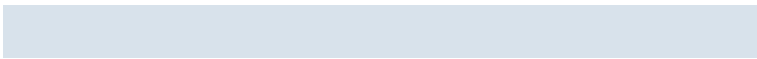
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216, 235, 235



230, 255, 255



216, 226, 235



106, 117, 117



0, 181, 181



0, 54, 54

Inverse Universe

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



235, 216, 235



255, 230, 255



235, 226, 216



117, 106, 117



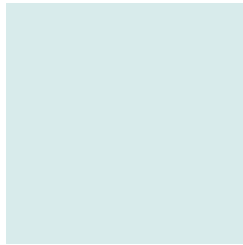
181, 0, 181



54, 0, 54

Previews

White Background



This preview shows how the RGB color 216, 235, 235 looks on a white background.

Color Contrast Check

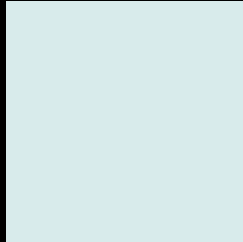
Large Text (above 18pt) WCAG AA × Fail

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 216, 235, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

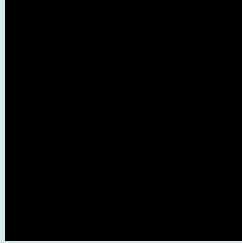
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

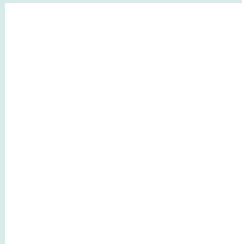
Any Text WCAG AAA ✓ Pass

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

RGB 216, 235, 235 Background



This preview shows how black text looks on a background with the RGB color 216, 235, 235.



This preview shows how white text looks on a background with the RGB color 216, 235, 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](#).

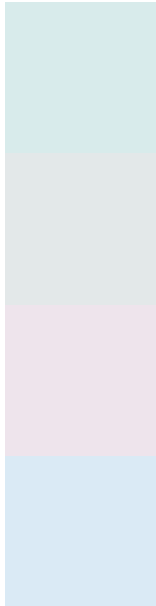
Dichromacy





Tritanopia
219, 233, 251

Trichromacy



Original Color

216, 235, 235

Protanomaly

227, 232, 233

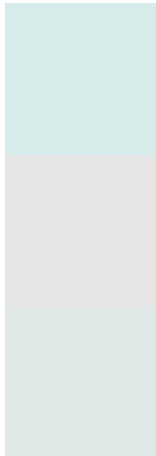
Deuteranomaly

238, 228, 236

Tritanomaly

218, 234, 245

Monochromacy



Original Color

216, 235, 235

Achromatopsia

229, 229, 229

Achromatomaly

224, 231, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 235, 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(216, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(216, 235, 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(216, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 235, 235) }
```

Border

The CSS property to change the border of an element to RGB 216, 235, 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(216, 235, 235) }
```

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

```
.border{ border-color:rgb(216, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(216, 235,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 216, 235, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 235, 235) }
```

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

```
.background{ background-color: rgb(216,  
235, 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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