

Converting Colors

RGB(216, 239, 244)

Have a look what the booklet for
RGB(216, 239, 244) contains.

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Color

RGB(216, 239, 244)

Conversions

Conversions Part 1

Format	Color
Hex	D8EFF4
RGB	216, 239, 244
RGB Percent	85%, 94%, 96%
CMY	0.1529, 0.0627, 0.0431
CMYK	0.11, 0.02, 0.00, 0.04
HSL	191°, 56%, 90%
HSV	191°, 11%, 96%
XYZ	75.5145, 82.8636, 97.6022
YIQ	232.6930, -15.3130, -3.3210

Conversions

Conversions Part 2

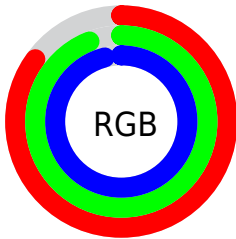
Format	Color
R _{YB}	216, 229, 244
Decimal	14217204
CIE Lab	92.95, -6.54, -4.99
CIE LCh	93, 8.224, 217.325
Yxy	82.8636, 0.2950, 0.3237
Android (android.graphics.Color)	4292407284 (0xFFD8EFF4)
YUV	232.6930, 5.5744, -14.6398
Hunter-Lab	91.0294, -11.2247, 0.1496

Details

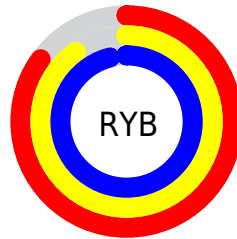
The RGB color **216, 239, 244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 221, 216**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 183, 188** is the 20% darker color. If you saturate the color by 10%, you get **192, 235, 244**, and if you desaturate by 10%, it is **240, 243, 244**.

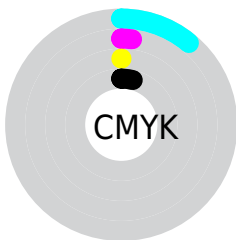
Distribution



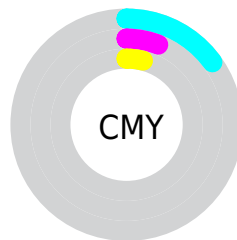
- Red (85%)
- Green (94%)
- Blue (96%)



- Red (85%)
- Yellow (90%)
- Blue (96%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 239, 244 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, 239, 244 by changing the saturation by 10% instead.

■ 216, 239, 244

255, 255, 255

■ 216, 239, 244

■ 188, 211, 216

■ 161, 183, 188

■ 135, 156, 161

■ 109, 130, 135

■ 85, 105, 109

■ 61, 81, 85

■ 39, 58, 62

■ 17, 36, 40

■ 0, 15, 20

 216, 239, 244

 216, 239, 244

 192, 235, 244

 240, 243, 244

 167, 230, 244

 255, 248, 244

 143, 226, 244

 255, 252, 244

 118, 222, 244

 255, 255, 244

 94, 217, 244

 70, 213, 244

 45, 208, 244

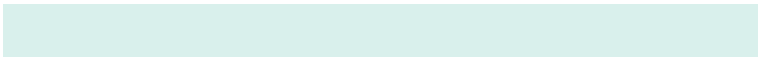
 21, 204, 244

 0, 200, 244

Harmonies

Analogous

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



217, 240, 236



216, 239, 244



221, 237, 249

Triad

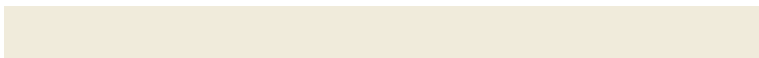
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216, 239, 244



247, 230, 241



240, 235, 219

Complementary

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



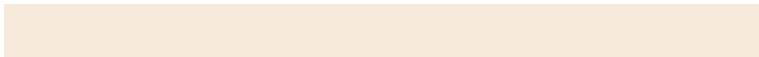
216, 239, 244



244, 221, 216

Split Complementary

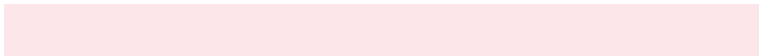
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247, 232, 220



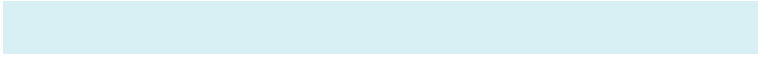
216, 239, 244



252, 230, 233

Square

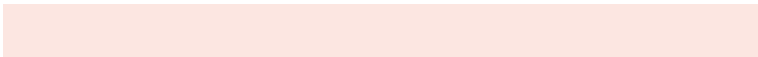
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216, 239, 244



239, 232, 247



252, 230, 225



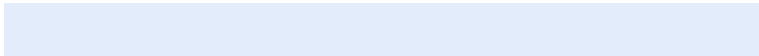
230, 237, 222

Rectangle

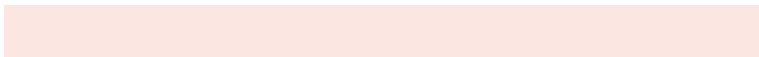
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



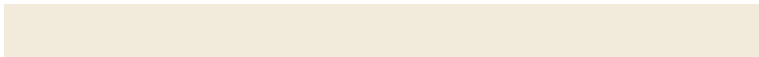
216, 239, 244



226, 236, 250



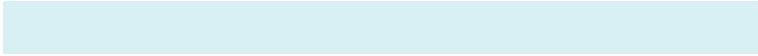
252, 230, 225



242, 234, 219

Sweetspot

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



216, 239, 244



247, 254, 255



216, 244, 221



122, 127, 128



0, 0, 0



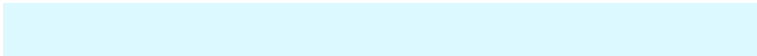
128, 128, 128

Same Dimension

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



216, 239, 244



219, 249, 255



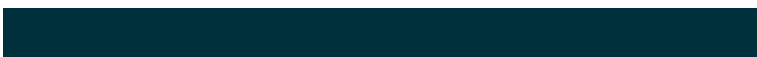
216, 225, 244



110, 120, 122



0, 153, 186



0, 48, 59

Inverse Universe

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



244, 216, 239



255, 219, 249



244, 235, 216



122, 110, 120



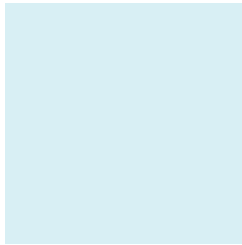
186, 0, 153



59, 0, 48

Previews

White Background



This preview shows how the RGB color 216, 239, 244 looks on a white background.

Color Contrast Check

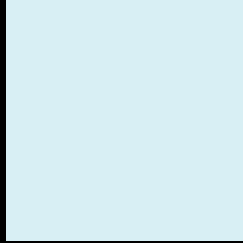
Large Text (above 18pt) WCAG AA × Fail

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, 239, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

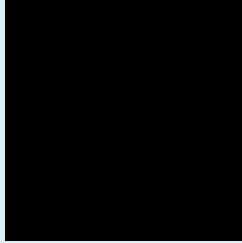
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

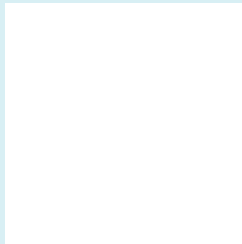
Any Text WCAG AAA ✓ Pass

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

RGB 216, 239, 244 Background



This preview shows how black text looks on a background with the RGB color 216, 239, 244.



This preview shows how white text looks on a background with the RGB color 216, 239, 244.

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](#).

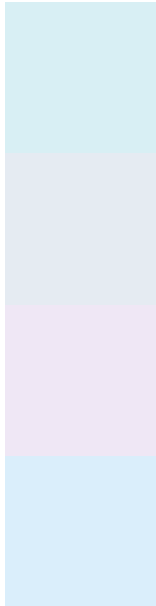
Dichromacy





Tritanopia
219, 237, 255

Trichromacy



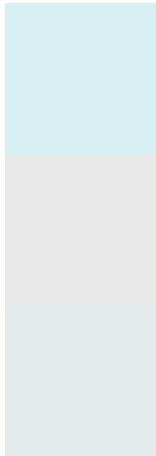
Original Color
216, 239, 244

Protanomaly
229, 235, 242

Deuteranomaly
239, 231, 245

Tritanomaly
218, 238, 251

Monochromacy



Original Color
216, 239, 244

Achromatopsia
233, 233, 233

Achromatomaly
227, 235, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 239, 244 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, 239, 244)` looks like.

```
.text, #text, p{  
    color:rgb(216, 239, 244)  
}
```

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, 239, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 239, 244) }
```

Border

The CSS property to change the border of an element to RGB 216, 239, 244 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, 239, 244) }
```

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

```
.border{ border-color:rgb(216, 239, 244) }
```

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

Here you see how a box with a 4 pixel rgb(216, 239, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 239, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 239, 244);  
box-shadow:4px 4px 4px 4px rgb(216, 239,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 216, 239, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 239, 244) }
```

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

```
.background{ background-color: rgb(216,  
239, 244) }
```

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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