

Converting Colors

RGB(216, 242, 238)

Have a look what the booklet for
RGB(216, 242, 238) contains.

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Color

RGB(216, 242, 238)

Conversions

Conversions Part 1

Format	Color
Hex	D8F2EE
RGB	216, 242, 238
RGB Percent	85%, 95%, 93%
CMY	0.1529, 0.0510, 0.0667
CMYK	0.11, 0.00, 0.02, 0.05
HSL	171°, 50%, 90%
HSV	171°, 11%, 95%
XYZ	75.5036, 84.2762, 93.1764
YIQ	233.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

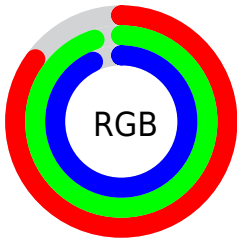
Format	Color
R _Y B	216, 230, 242
Decimal	14217966
CIE Lab	93.57, -9.22, -0.97
CIE LCh	94, 9.267, 185.980
Yxy	84.2762, 0.2985, 0.3332
Android (android.graphics.Color)	4292408046 (0xFFD8F2EE)
YUV	233.7700, 2.0854, -15.5843
Hunter-Lab	91.8021, -13.8443, 4.0839

Details

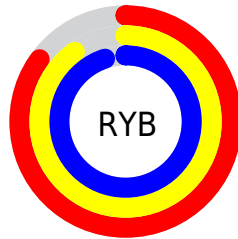
The RGB color **216, 242, 238** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 216, 220**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **161, 186, 182** is the 20% darker color. If you saturate the color by 10%, you get **192, 242, 234**, and if you desaturate by 10%, it is **240, 242, 242**.

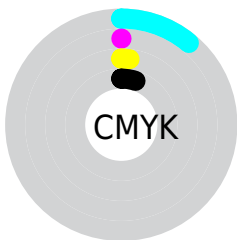
Distribution



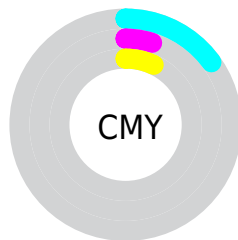
- Red (85%)
- Green (95%)
- Blue (93%)



- Red (85%)
- Yellow (90%)
- Blue (95%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 216, 242, 238 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, 242, 238 by changing the saturation by 10% instead.

■ 216, 242, 238

255, 255, 255

■ 216, 242, 238

■ 188, 214, 210

■ 161, 186, 182

■ 135, 159, 155

■ 109, 133, 129

■ 85, 108, 104

■ 61, 83, 80

■ 39, 60, 57

■ 17, 38, 36

■ 0, 18, 14

 216, 242, 238

 216, 242, 238

 192, 242, 234

 240, 242, 242

 168, 242, 231

 255, 242, 245

 143, 242, 227

 255, 242, 249

 119, 242, 223

 255, 242, 253

 95, 242, 219

 255, 242, 255

 71, 242, 216

 47, 242, 212

 22, 242, 208

 0, 242, 205

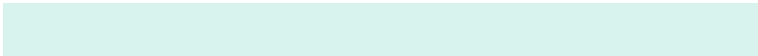
Harmonies

Analogous

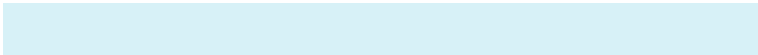
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222, 241, 229



216, 242, 238



215, 241, 247

Triad

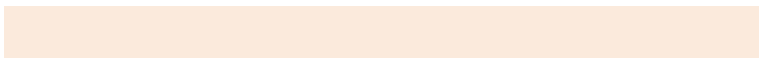
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216, 242, 238



241, 234, 251



251, 234, 220

Complementary

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



216, 242, 238



242, 216, 220

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.



255, 231, 226



216, 242, 238



250, 231, 244

Square

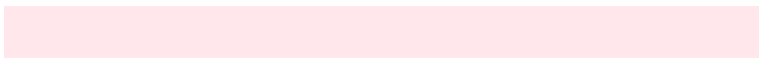
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



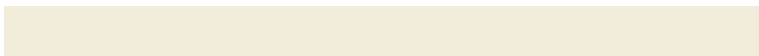
216, 242, 238



230, 237, 254



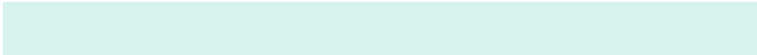
255, 231, 235



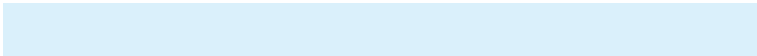
242, 236, 219

Rectangle

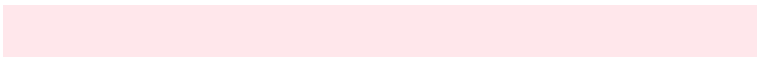
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



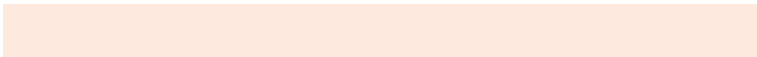
216, 242, 238



218, 240, 251



255, 231, 235



253, 233, 222

Sweetspot

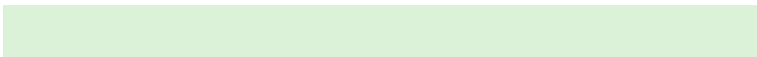
The Sweet Spot groups the original color and five complimentary colors.



216, 242, 238



247, 255, 254



220, 242, 216



122, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



216, 242, 238



222, 255, 250



216, 233, 242



108, 120, 118



0, 184, 155



0, 56, 47

Inverse Universe

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



242, 216, 220



255, 222, 227



242, 225, 216



120, 108, 110



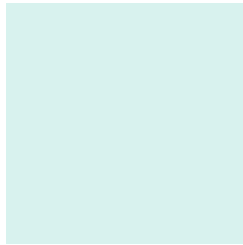
184, 0, 28



56, 0, 9

Previews

White Background



This preview shows how the RGB color 216, 242, 238 looks on a white background.

Color Contrast Check

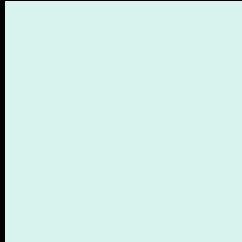
Large Text (above 18pt) WCAG AA × Fail

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, 242, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

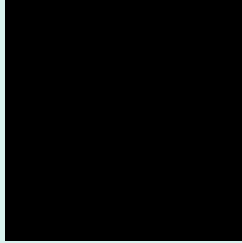
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

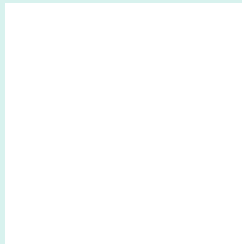
Any Text WCAG AAA ✓ Pass

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

RGB 216, 242, 238 Background



This preview shows how black text looks on a background with the RGB color 216, 242, 238.



This preview shows how white text looks on a background with the RGB color 216, 242, 238.

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](#).

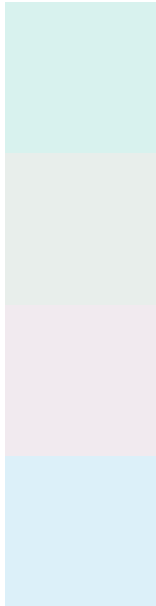
Dichromacy





Tritanopia
222, 239, 255

Trichromacy



Original Color

216, 242, 238

Protanomaly

232, 238, 235

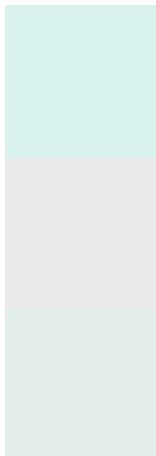
Deuteranomaly

241, 234, 239

Tritanomaly

220, 240, 249

Monochromacy



Original Color

216, 242, 238

Achromatopsia

234, 234, 234

Achromatomaly

227, 237, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 216, 242, 238 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, 242, 238)` looks like.

```
.text, #text, p{  
    color:rgb(216, 242, 238)  
}
```

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, 242, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 242, 238) }
```

Border

The CSS property to change the border of an element to RGB 216, 242, 238 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, 242, 238) }
```

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

```
.border{ border-color:rgb(216, 242, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 242, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 242, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 242, 238);  
box-shadow:4px 4px 4px 4px rgb(216, 242,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 216, 242, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 242, 238) }
```

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

```
.background{ background-color: rgb(216,  
242, 238) }
```

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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