

Converting Colors

RGB(204, 243, 238)

Have a look what the booklet for
RGB(204, 243, 238) contains.

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Color

RGB(204, 243, 238)

Conversions

Conversions Part 1

Format	Color
Hex	CCF3EE
RGB	204, 243, 238
RGB Percent	80%, 95%, 93%
CMY	0.2000, 0.0471, 0.0667
CMYK	0.16, 0.00, 0.02, 0.05
HSL	172°, 62%, 88%
HSV	172°, 16%, 95%
XYZ	72.3850, 83.1116, 93.1160
YIQ	230.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

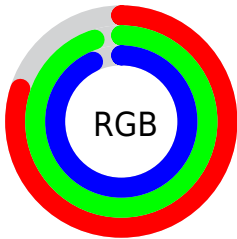
Format	Color
R _Y B	204, 225, 243
Decimal	13431790
CIE Lab	93.06, -13.50, -1.80
CIE LCh	93, 13.615, 187.591
Yxy	83.1116, 0.2912, 0.3343
Android (android.graphics.Color)	4291621870 (0xFFCCCF3EE)
YUV	230.7690, 3.5649, -23.4764
Hunter-Lab	91.1656, -17.8115, 3.2574

Details

The RGB color **204, 243, 238** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **243, 204, 209**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 187, 182** is the 20% darker color. If you saturate the color by 10%, you get **180, 243, 235**, and if you desaturate by 10%, it is **228, 243, 241**.

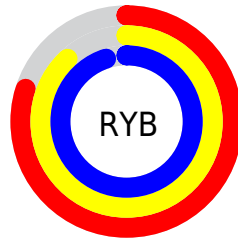
Distribution



Red (80%)

Green (95%)

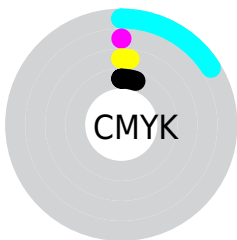
Blue (93%)



Red (80%)

Yellow (88%)

Blue (95%)

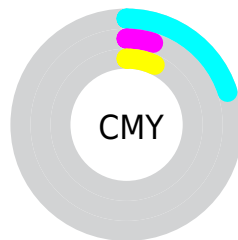


Cyan (16%)

Magenta (0%)

Yellow (2%)

Black (5%)



Cyan (20%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 243, 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 204, 243, 238 by changing the saturation by 10% instead.

■ 204, 243, 238

255, 255, 255

■ 204, 243, 238

■ 176, 215, 210

■ 149, 187, 182

■ 123, 160, 155

■ 98, 134, 129

■ 73, 108, 104

■ 49, 84, 80

■ 26, 61, 57

■ 2, 39, 36

■ 0, 19, 14

 204, 243, 238

 204, 243, 238

 180, 243, 235

 228, 243, 241

 155, 243, 232

 253, 243, 244

 131, 243, 229

 255, 243, 247

 107, 243, 226

 255, 243, 250

 83, 243, 222

 255, 243, 254

 58, 243, 219

 255, 243, 255

 34, 243, 216

 10, 243, 213

 0, 243, 212

Harmonies

Analogous

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



213, 242, 225



204, 243, 238



203, 242, 251

Triad

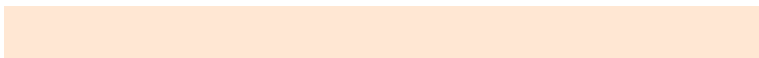
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 243, 238



242, 231, 255



255, 231, 211

Complementary

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



204, 243, 238



243, 204, 209

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, 228, 220



204, 243, 238



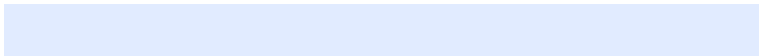
255, 227, 245

Square

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



204, 243, 238



225, 235, 255



255, 226, 232



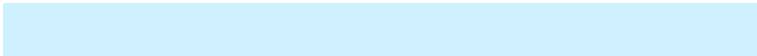
243, 235, 209

Rectangle

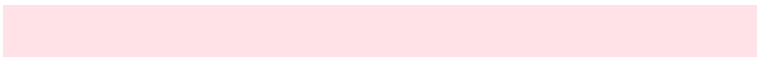
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



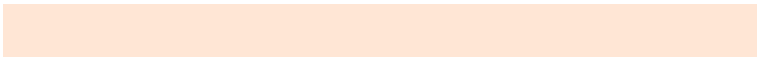
204, 243, 238



207, 240, 255



255, 226, 232



255, 230, 213

Sweetspot

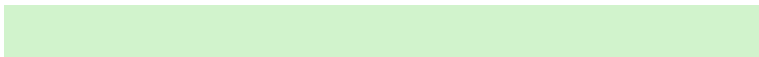
The Sweet Spot groups the original color and five complimentary colors.



204, 243, 238



242, 255, 253



209, 243, 204



120, 128, 127



0, 0, 0



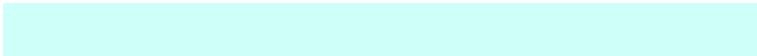
128, 128, 128

Same Dimension

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



204, 243, 238



207, 255, 249



204, 229, 243



110, 122, 121



0, 186, 162



0, 59, 51

Inverse Universe

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



243, 204, 209



255, 207, 213



243, 218, 204



122, 110, 112



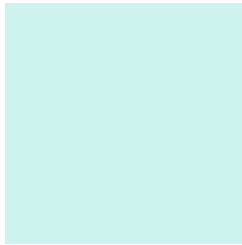
186, 0, 24



59, 0, 8

Previews

White Background



This preview shows how the RGB color 204, 243, 238 looks on a white background.

Color Contrast Check

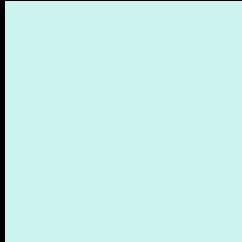
Large Text (above 18pt) WCAG AA × Fail

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 204, 243, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

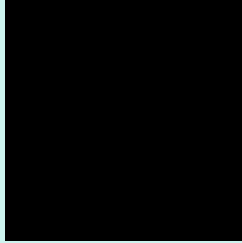
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

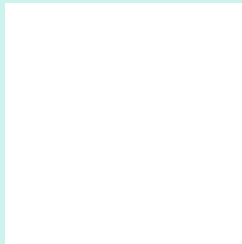
Any Text WCAG AAA ✓ Pass

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

RGB 204, 243, 238 Background



This preview shows how black text looks on a background with the RGB color 204, 243, 238.



This preview shows how white text looks on a background with the RGB color 204, 243, 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





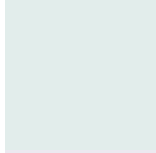
Tritanopia
213, 239, 255

Trichromacy



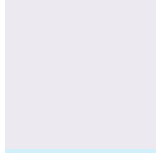
Original Color

204, 243, 238



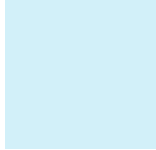
Protanomaly

226, 237, 235



Deuteranomaly

236, 233, 240



Tritanomaly

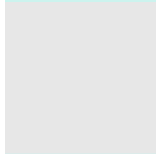
210, 240, 249

Monochromacy



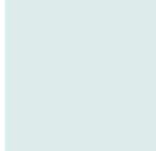
Original Color

204, 243, 238



Achromatopsia

231, 231, 231



Achromatomaly

221, 235, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 243, 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(204, 243, 238)` looks like.

```
.text, #text, p{  
    color:rgb(204, 243, 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(204, 243, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 243, 238) }
```

Border

The CSS property to change the border of an element to RGB 204, 243, 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(204, 243, 238) }
```

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

```
.border{ border-color:rgb(204, 243, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 243, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 243, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 243, 238);  
box-shadow:4px 4px 4px 4px rgb(204, 243,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 204, 243, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 243, 238) }
```

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

```
.background{ background-color: rgb(204,  
243, 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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