

Converting Colors

RGB(204, 248, 252)

Have a look what the booklet for
RGB(204, 248, 252) contains.

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Color

RGB(204, 248, 252)

Conversions

Conversions Part 1

Format	Color
Hex	CCF8FC
RGB	204, 248, 252
RGB Percent	80%, 97%, 99%
CMY	0.2000, 0.0275, 0.0118
CMYK	0.19, 0.02, 0.00, 0.01
HSL	185°, 89%, 89%
HSV	185°, 19%, 99%
XYZ	76.0399, 87.0004, 104.8805
YIQ	235.3000, -27.5080, -8.0840

Conversions

Conversions Part 2

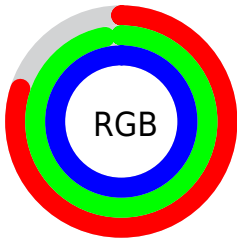
Format	Color
RYB	204, 227, 252
Decimal	13433084
CIELab	94.74, -13.16, -6.59
CIELCh	95, 14.716, 206.606
Yxy	87.0004, 0.2838, 0.3247
Android (android.graphics.Color)	4291623164 (0xFFCCCF8FC)
YUV	235.3000, 8.2331, -27.4501
Hunter-Lab	93.2740, -17.7107, -1.3759

Details

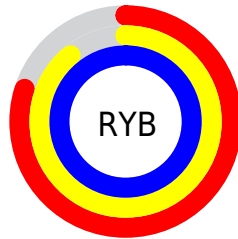
The RGB color **204, 248, 252** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **252, 208, 204**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 192, 195** is the 20% darker color. If you saturate the color by 10%, you get **179, 246, 252**, and if you desaturate by 10%, it is **229, 250, 252**.

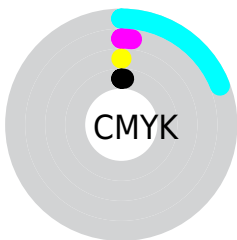
Distribution



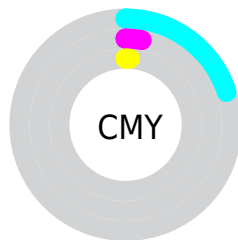
- Red (80%)
- Green (97%)
- Blue (99%)



- Red (80%)
- Yellow (89%)
- Blue (99%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 248, 252 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, 248, 252 by changing the saturation by 10% instead.

■ 204, 248, 252

255, 255, 255

■ 204, 248, 252

■ 176, 219, 223

■ 149, 192, 195

■ 123, 164, 168

■ 97, 138, 142

■ 72, 113, 116

■ 47, 88, 92

■ 22, 65, 68

■ 0, 42, 46

■ 0, 23, 25

204, 248, 252

204, 248, 252

179, 246, 252

229, 250, 252

154, 244, 252

254, 252, 252

128, 242, 252

255, 254, 252

103, 240, 252

255, 255, 252

78, 238, 252

53, 235, 252

28, 233, 252

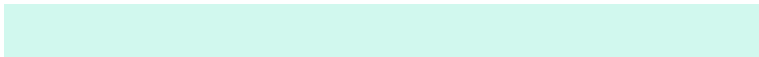
2, 231, 252

0, 231, 252

Harmonies

Analogous

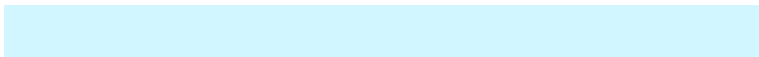
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



209, 248, 238



204, 248, 252



209, 246, 255

Triad

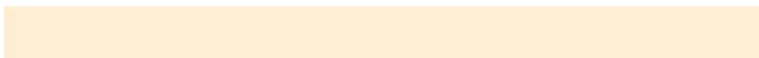
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 248, 252



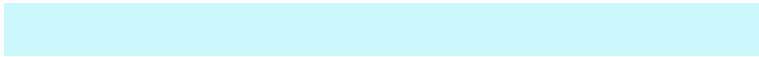
255, 233, 255



253, 238, 212

Complementary

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



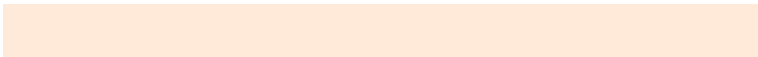
204, 248, 252



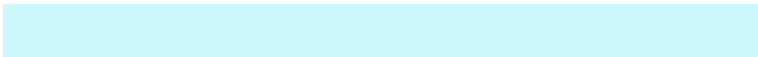
252, 208, 204

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, 234, 217



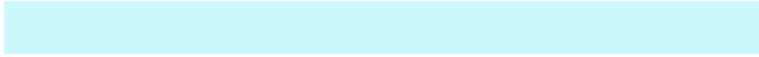
204, 248, 252



255, 230, 242

Square

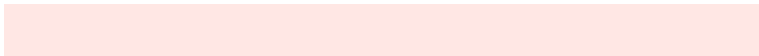
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204, 248, 252



241, 237, 255



255, 231, 228



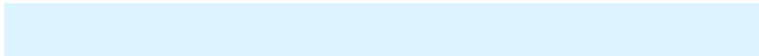
238, 243, 214

Rectangle

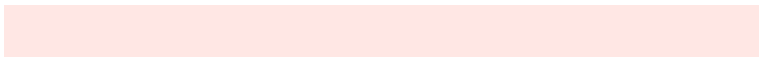
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



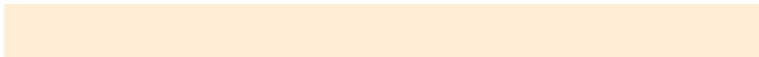
204, 248, 252



218, 243, 255



255, 231, 228



255, 237, 213

Sweetspot

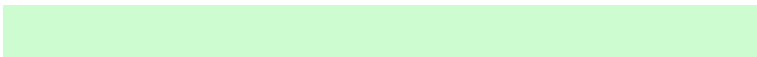
The Sweet Spot groups the original color and five complimentary colors.



204, 248, 252



240, 254, 255



204, 252, 208



119, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

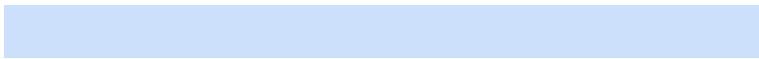
The Same Dimension uses a secret algorithm to generate beautiful new colors.



204, 248, 252



196, 250, 255



204, 224, 252



112, 124, 125



0, 173, 189



0, 56, 61

Inverse Universe

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



252, 204, 248



255, 196, 250



252, 232, 204



125, 112, 124



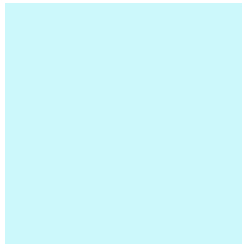
189, 0, 173



61, 0, 56

Previews

White Background



This preview shows how the RGB color 204, 248, 252 looks on a white background.

Color Contrast Check

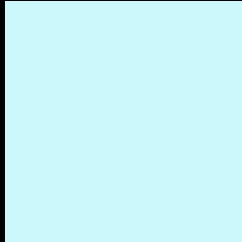
Large Text (above 18pt) WCAG AA × Fail

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, 248, 252 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, 248, 252 Background



This preview shows how black text looks on a background with the RGB color 204, 248, 252.



This preview shows how white text looks on a background with the RGB color 204, 248, 252.

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





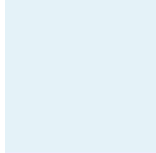
Tritanopia
221, 243, 255

Trichromacy



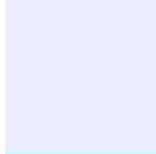
Original Color

204, 248, 252



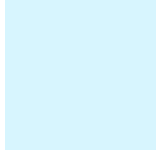
Protanomaly

228, 242, 248



Deuteranomaly

236, 238, 254



Tritanomaly

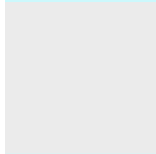
215, 245, 254

Monochromacy



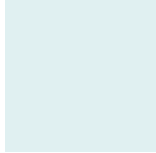
Original Color

204, 248, 252



Achromatopsia

235, 235, 235



Achromatomaly

224, 240, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 248, 252 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, 248, 252)` looks like.

```
.text, #text, p{  
    color:rgb(204, 248, 252)  
}
```

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, 248, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 248, 252) }
```

Border

The CSS property to change the border of an element to RGB 204, 248, 252 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, 248, 252) }
```

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

```
.border{ border-color:rgb(204, 248, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 248, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 248, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 248, 252);  
box-shadow:4px 4px 4px 4px rgb(204, 248,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 204, 248, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 248, 252) }
```

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

```
.background{ background-color: rgb(204,  
248, 252) }
```

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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