

Converting Colors

RGB(206, 248, 244)

Have a look what the booklet for
RGB(206, 248, 244) contains.

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Color

RGB(206, 248, 244)

Conversions

Conversions Part 1

Format	Color
Hex	CEF8F4
RGB	206, 248, 244
RGB Percent	81%, 97%, 96%
CMY	0.1922, 0.0275, 0.0431
CMYK	0.17, 0.00, 0.02, 0.03
HSL	174°, 75%, 89%
HSV	174°, 17%, 97%
XYZ	75.3501, 86.7883, 98.3684
YIQ	234.9860, -23.7480, -10.1480

Conversions

Conversions Part 2

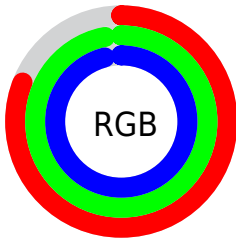
Format	Color
R_{YB}	206, 228, 248
Decimal	13564148
CIE _{Lab}	94.65, -14.18, -2.57
CIE _{LCh}	95, 14.408, 190.275
Yxy	86.7883, 0.2892, 0.3332
Android (android.graphics.Color)	4291754228 (0xFFCEF8F4)
YUV	234.9860, 4.4439, -25.4207
Hunter-Lab	93.1602, -18.6555, 2.6075

Details

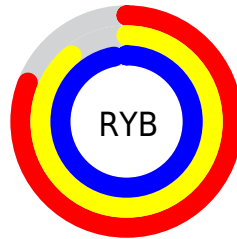
The RGB color **206, 248, 244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **248, 206, 210**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 192, 188** is the 20% darker color. If you saturate the color by 10%, you get **181, 248, 242**, and if you desaturate by 10%, it is **231, 248, 246**.

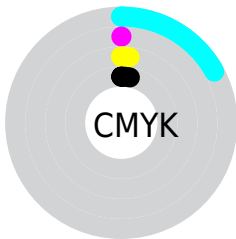
Distribution



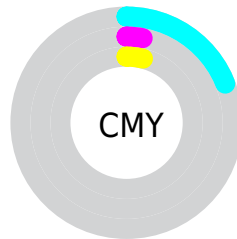
- Red (81%)
- Green (97%)
- Blue (96%)



- Red (81%)
- Yellow (89%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (19%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 248, 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 206, 248, 244 by changing the saturation by 10% instead.

206, 248, 244

206, 248, 244

255, 255, 255

178, 219, 216

151, 192, 188

125, 164, 161

99, 138, 135

74, 113, 109

50, 88, 85


27, 65, 62


2, 42, 40

0, 23, 20

 206, 248, 244

 206, 248, 244

 181, 248, 242

 231, 248, 246

 156, 248, 239

 255, 248, 249

 132, 248, 237

 255, 248, 251

 107, 248, 235

 255, 248, 253

 82, 248, 232

 255, 248, 255

 57, 248, 230

 32, 248, 227

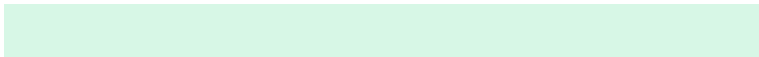
 8, 248, 225

 0, 248, 224

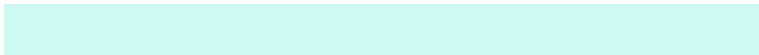
Harmonies

Analogous

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



215, 247, 230



206, 248, 244



206, 247, 255

Triad

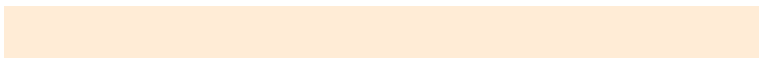
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206, 248, 244



248, 235, 255



255, 236, 214

Complementary

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



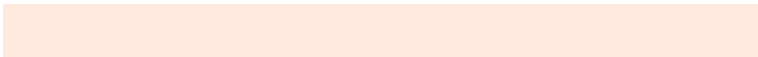
206, 248, 244



248, 206, 210

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, 232, 222



206, 248, 244



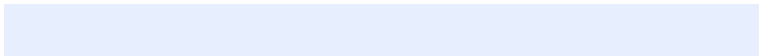
255, 231, 249

Square

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



206, 248, 244



231, 239, 255



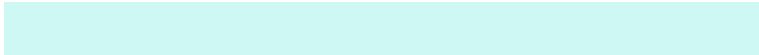
255, 230, 235



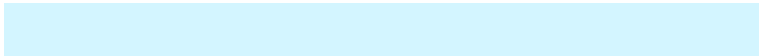
246, 240, 212

Rectangle

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



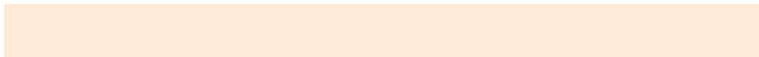
206, 248, 244



211, 245, 255



255, 230, 235



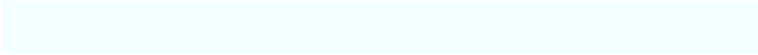
255, 234, 216

Sweetspot

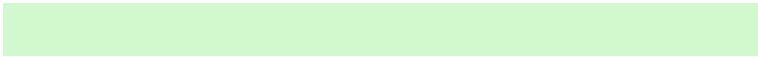
The Sweet Spot groups the original color and five complimentary colors.



206, 248, 244



242, 255, 254



210, 248, 206



120, 128, 127



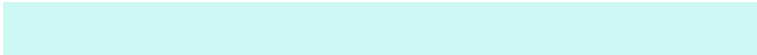
0, 0, 0



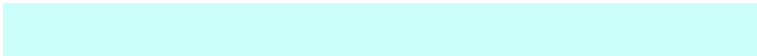
128, 128, 128

Same Dimension

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



206, 248, 244



204, 255, 250



206, 231, 248



112, 125, 124



0, 189, 171



0, 61, 55

Inverse Universe

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



248, 206, 210



255, 204, 209



248, 223, 206



125, 112, 114



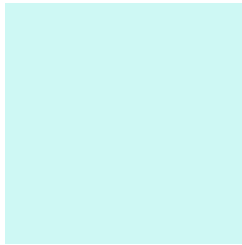
189, 0, 18



61, 0, 6

Previews

White Background



This preview shows how the RGB color 206, 248, 244 looks on a white background.

Color Contrast Check

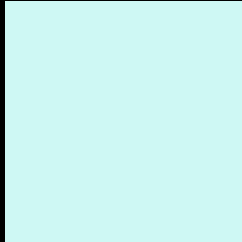
Large Text (above 18pt) WCAG AA × Fail

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 206, 248, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

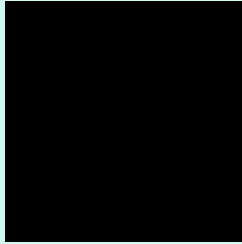
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

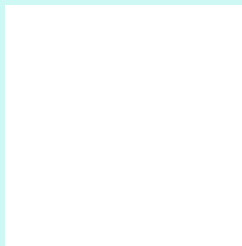
Any Text WCAG AAA ✓ Pass

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

RGB 206, 248, 244 Background



This preview shows how black text looks on a background with the RGB color 206, 248, 244.

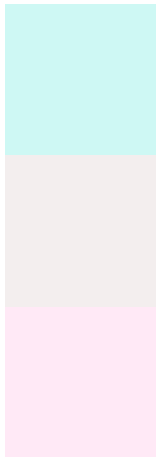


This preview shows how white text looks on a background with the RGB color 206, 248, 244.

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



Original Color
206, 248, 244

Protanopia
243, 238, 238

Deuteranopia
255, 233, 246



Tritanopia

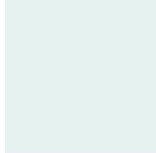
222, 243, 255

Trichromacy



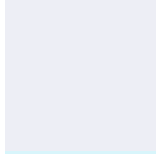
Original Color

206, 248, 244



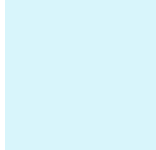
Protanomaly

230, 242, 240



Deuteranomaly

237, 238, 245



Tritanomaly

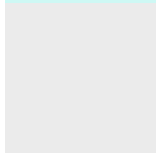
216, 245, 251

Monochromacy



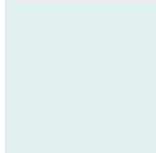
Original Color

206, 248, 244



Achromatopsia

235, 235, 235



Achromatomaly

224, 240, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 248, 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(206, 248, 244)` looks like.

```
.text, #text, p{  
    color:rgb(206, 248, 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(206, 248, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 248, 244) }
```

Border

The CSS property to change the border of an element to RGB 206, 248, 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(206, 248, 244) }
```

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

```
.border{ border-color:rgb(206, 248, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 248, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 248, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 248, 244);  
box-shadow:4px 4px 4px 4px rgb(206, 248,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 206, 248, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 248, 244) }
```

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

```
.background{ background-color: rgb(206,  
248, 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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