

Converting Colors

RGB(206, 248, 248)

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

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Color

RGB(206, 248, 248)

Conversions

Conversions Part 1

Format	Color
Hex	CEF8F8
RGB	206, 248, 248
RGB Percent	81%, 97%, 97%
CMY	0.1922, 0.0275, 0.0275
CMYK	0.17, 0.00, 0.00, 0.03
HSL	180°, 75%, 89%
HSV	180°, 17%, 97%
XYZ	75.9643, 87.0339, 101.6024
YIQ	235.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

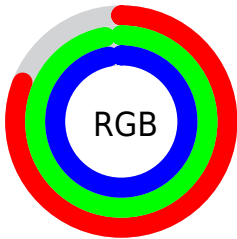
Format	Color
R_{YB}	206, 227, 248
Decimal	13564152
CIE _{Lab}	94.75, -13.37, -4.49
CIE _{LCh}	95, 14.105, 198.545
Yxy	87.0339, 0.2871, 0.3289
Android (android.graphics.Color)	4291754232 (0xFFCEF8F8)
YUV	235.4420, 6.1911, -25.8206
Hunter-Lab	93.2920, -17.9149, 0.7328

Details

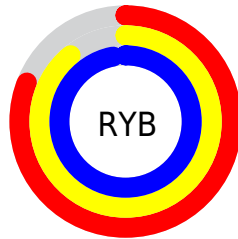
The RGB color **206, 248, 248** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **248, 206, 206**, and the grayscale version is **235, 235, 235**.

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

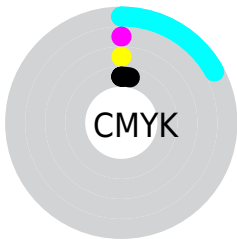
Distribution



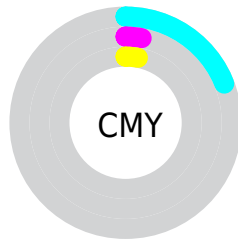
- Red (81%)
- Green (97%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

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

 206, 248, 248


 206, 248, 248


255, 255, 255


 178, 219, 219

 151, 192, 192

 125, 164, 165

 99, 138, 138

 74, 113, 113

 50, 88, 88

 26, 65, 65

 1, 42, 43

 0, 23, 23

 206, 248, 248

 206, 248, 248

 181, 248, 248

 231, 248, 248

 156, 248, 248

 255, 248, 248

 132, 248, 248

 107, 248, 248

 82, 248, 248

 57, 248, 248

 32, 248, 248

 8, 248, 248

 0, 248, 248

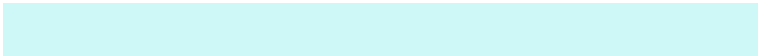
Harmonies

Analogous

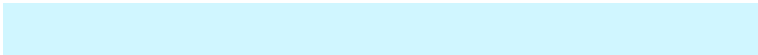
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 248, 234



206, 248, 248



208, 246, 255

Triad

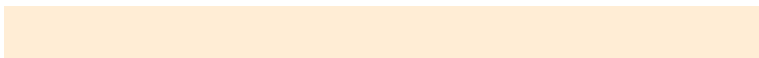
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206, 248, 248



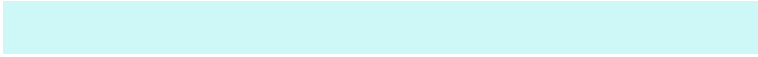
253, 234, 255



255, 237, 213

Complementary

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



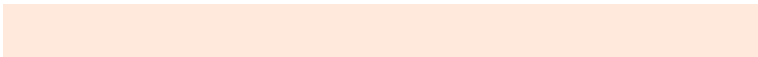
206, 248, 248



248, 206, 206

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, 233, 220



206, 248, 248



255, 231, 246

Square

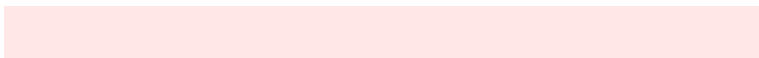
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206, 248, 248



236, 238, 255



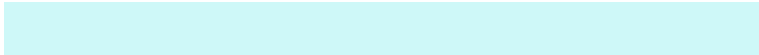
255, 231, 232



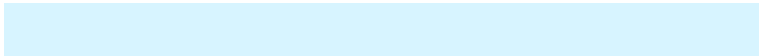
242, 242, 214

Rectangle

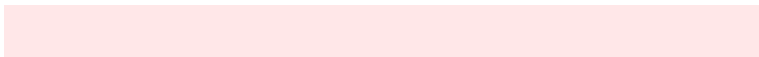
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206, 248, 248



215, 244, 255



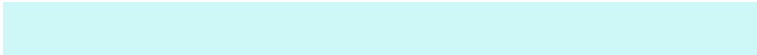
255, 231, 232



255, 236, 215

Sweetspot

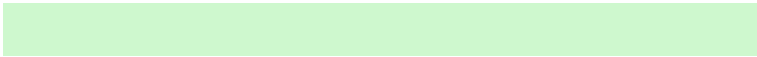
The Sweet Spot groups the original color and five complimentary colors.



206, 248, 248



242, 255, 255



206, 248, 206



120, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

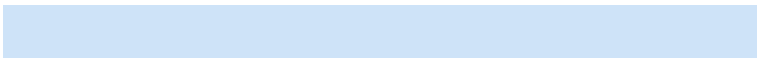
The Same Dimension uses a secret algorithm to generate beautiful new colors.



206, 248, 248



204, 255, 255



206, 227, 248



112, 125, 125



0, 189, 189



0, 61, 61

Inverse Universe

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



248, 206, 248



255, 204, 255



248, 227, 206



125, 112, 125



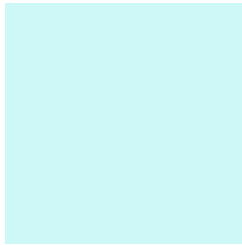
189, 0, 189



61, 0, 61

Previews

White Background



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

Color Contrast Check

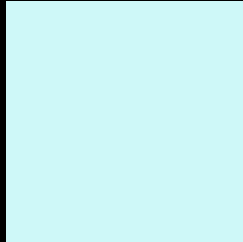
Large Text (above 18pt) WCAG AA × Fail

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, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

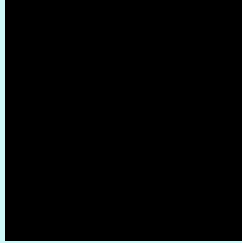
Any Text WCAG AA ✓ Pass

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, 248 Background



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

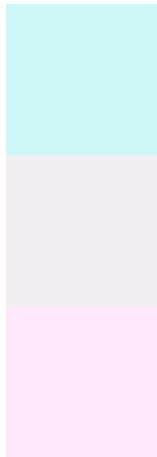


This preview shows how white text looks on a background with the RGB color 206, 248, 248.

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, 248

Protanopia
243, 238, 242

Deuteranopia
255, 233, 250



Tritanopia

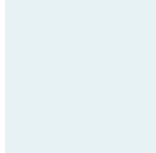
222, 243, 255

Trichromacy



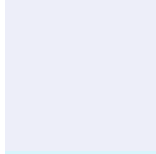
Original Color

206, 248, 248



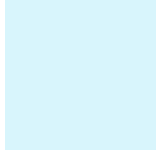
Protanomaly

230, 242, 244



Deuteranomaly

237, 238, 249



Tritanomaly

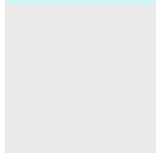
216, 245, 252

Monochromacy



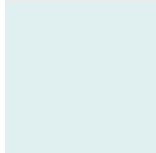
Original Color

206, 248, 248



Achromatopsia

235, 235, 235



Achromatomaly

224, 240, 240

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(206, 248, 248)  
}
```

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, 248) colored shadow looks like.

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

Border

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

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

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

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, 248)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to RGB 206, 248, 248 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, 248) }
```

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

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

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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