

Converting Colors

RGB(206, 240, 246)

Have a look what the booklet for
RGB(206, 240, 246) contains.

RGB(206, 240, 246)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(206, 240, 246)

Conversions

Conversions Part 1

Format	Color
Hex	CEF0F6
RGB	206, 240, 246
RGB Percent	81%, 94%, 96%
CMY	0.1922, 0.0588, 0.0353
CMYK	0.16, 0.02, 0.00, 0.04
HSL	189°, 69%, 89%
HSV	189°, 16%, 96%
XYZ	73.2482, 82.0958, 99.1743
YIQ	230.5180, -22.1900, -5.3420

Conversions

Conversions Part 2

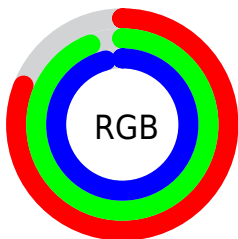
Format	Color
R_{YB}	206, 224, 246
Decimal	13562102
CIE _{Lab}	92.62, -9.76, -6.60
CIE _{LCh}	93, 11.785, 214.049
Yxy	82.0958, 0.2878, 0.3226
Android (android.graphics.Color)	4291752182 (0xFFCEFF0F6)
YUV	230.5180, 7.6326, -21.5023
Hunter-Lab	90.6067, -14.2589, -1.4716

Details

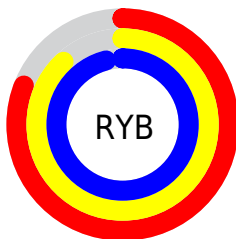
The RGB color **206, 240, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 212, 206**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **151, 184, 190** is the 20% darker color. If you saturate the color by 10%, you get **181, 236, 246**, and if you desaturate by 10%, it is **231, 244, 246**.

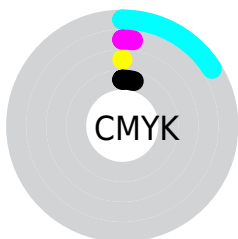
Distribution



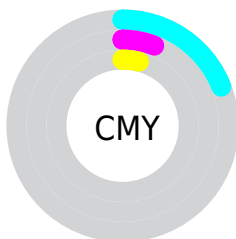
- Red (81%)
- Green (94%)
- Blue (96%)



- Red (81%)
- Yellow (88%)
- Blue (96%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 206, 240, 246 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, 240, 246 by changing the saturation by 10% instead.

■ 206, 240, 246

255, 255, 255

■ 206, 240, 246

■ 178, 212, 218

■ 151, 184, 190

■ 125, 157, 163

■ 99, 131, 136

■ 75, 106, 111

■ 51, 82, 87

■ 28, 59, 63


■ 4, 37, 42

■ 0, 17, 21

 206, 240, 246

 206, 240, 246

 181, 236, 246

 231, 244, 246

 157, 233, 246

 255, 247, 246

 132, 229, 246

 255, 251, 246

 108, 225, 246

 255, 255, 246

 83, 222, 246

 255, 255, 246

 58, 218, 246

 34, 214, 246

 9, 210, 246

 0, 209, 246

Harmonies

Analogous

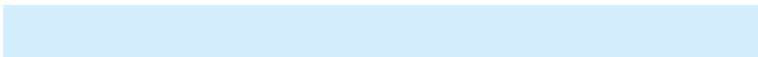
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208, 241, 235



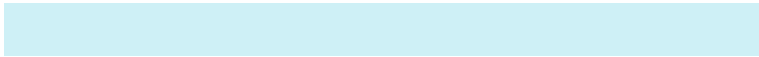
206, 240, 246



212, 238, 254

Triad

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



206, 240, 246



250, 227, 244



242, 233, 211

Complementary

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



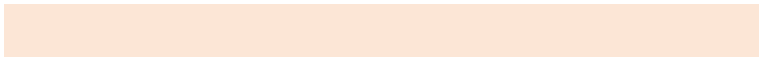
206, 240, 246



246, 212, 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.



252, 230, 214



206, 240, 246



255, 226, 233

Square

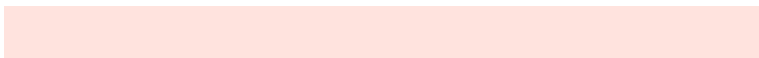
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206, 240, 246



238, 230, 253



255, 227, 222



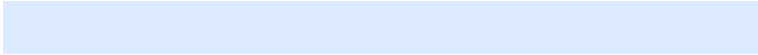
229, 237, 215

Rectangle

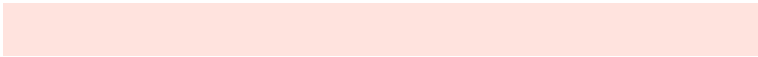
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



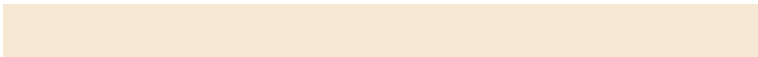
206, 240, 246



220, 235, 255



255, 227, 222



246, 232, 211

Sweetspot

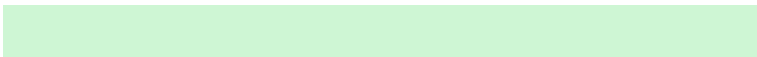
The Sweet Spot groups the original color and five complimentary colors.



206, 240, 246



242, 253, 255



206, 246, 212



120, 126, 128



0, 0, 0



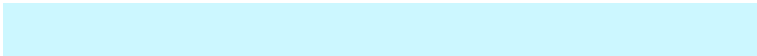
128, 128, 128

Same Dimension

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



206, 240, 246



204, 247, 255



206, 220, 246



110, 121, 122



0, 158, 186



0, 50, 59

Inverse Universe

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



246, 206, 240



255, 204, 247



246, 232, 206



122, 110, 121



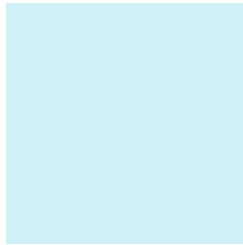
186, 0, 158



59, 0, 50

Previews

White Background



This preview shows how the RGB color 206, 240, 246 looks on a white background.

Color Contrast Check

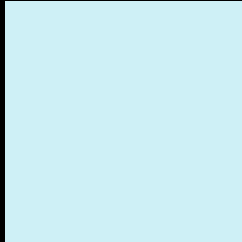
Large Text (above 18pt) WCAG AA × Fail

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, 240, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

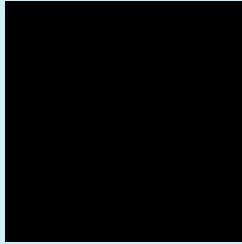
Any Text WCAG AA ✓ Pass

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, 240, 246 Background



This preview shows how black text looks on a background with the RGB color 206, 240, 246.



This preview shows how white text looks on a background with the RGB color 206, 240, 246.

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](#).

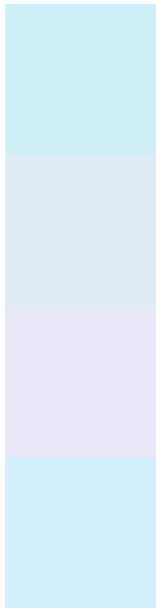
Dichromacy





Tritanopia
211, 238, 255

Trichromacy



Original Color

206, 240, 246

Protanomaly

224, 235, 243

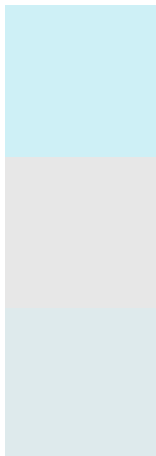
Deuteranomaly

233, 232, 248

Tritanomaly

209, 239, 252

Monochromacy



Original Color

206, 240, 246

Achromatopsia

231, 231, 231

Achromatomaly

222, 234, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 206, 240, 246 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, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(206, 240, 246)  
}
```

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, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 240, 246) }
```

Border

The CSS property to change the border of an element to RGB 206, 240, 246 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, 240, 246) }
```

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

```
.border{ border-color:rgb(206, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(206, 240,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 206, 240, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 240, 246) }
```

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

```
.background{ background-color: rgb(206,  
240, 246) }
```

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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