

Converting Colors

RGB(208, 247, 240)

Have a look what the booklet for
RGB(208, 247, 240) contains.

RGB(208, 247, 240)	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(208, 247, 240)

Conversions

Conversions Part 1

Format	Color
Hex	D0F7F0
RGB	208, 247, 240
RGB Percent	82%, 97%, 94%
CMY	0.1843, 0.0314, 0.0588
CMYK	0.16, 0.00, 0.03, 0.03
HSL	169°, 71%, 89%
HSV	169°, 16%, 97%
XYZ	75.0014, 86.2227, 95.1277
YIQ	234.5410, -20.9970, -10.4450

Conversions

Conversions Part 2

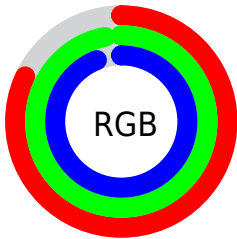
Format	Color
R_{YB}	208, 229, 247
Decimal	13694960
CIE _{Lab}	94.41, -13.85, -0.84
CIE _{LCh}	94, 13.879, 183.463
Yxy	86.2227, 0.2926, 0.3363
Android (android.graphics.Color)	4291885040 (0xFFD0F7F0)
YUV	234.5410, 2.6913, -23.2765
Hunter-Lab	92.8562, -18.3211, 4.2589

Details

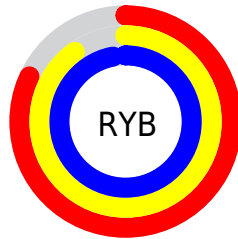
The RGB color **208, 247, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 208, 215**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 191, 184** is the 20% darker color. If you saturate the color by 10%, you get **183, 247, 236**, and if you desaturate by 10%, it is **233, 247, 244**.

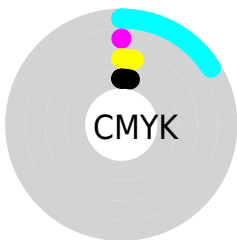
Distribution



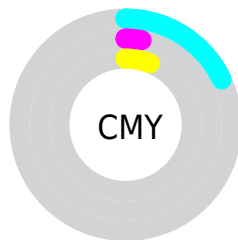
- Red (82%)
- Green (97%)
- Blue (94%)



- Red (82%)
- Yellow (90%)
- Blue (97%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (18%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 208, 247, 240 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 208, 247, 240 by changing the saturation by 10% instead.

■ 208, 247, 240

255, 255, 255

■ 208, 247, 240

■ 180, 218, 212

■ 153, 191, 184

■ 127, 163, 157

■ 101, 137, 131

■ 77, 112, 106

■ 53, 87, 82

■ 30, 64, 59

■ 6, 42, 37

■ 0, 22, 16

 208, 247, 240

 208, 247, 240

 183, 247, 236

 233, 247, 244

 159, 247, 231

 255, 247, 249

 134, 247, 227

 255, 247, 253

 109, 247, 222

 255, 247, 255

 85, 247, 218

 60, 247, 213

 35, 247, 209

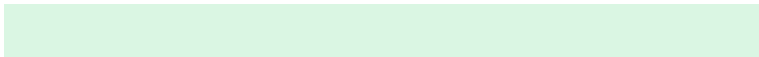
 10, 247, 205

 0, 247, 203

Harmonies

Analogous

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



218, 246, 227



208, 247, 240



206, 246, 253

Triad

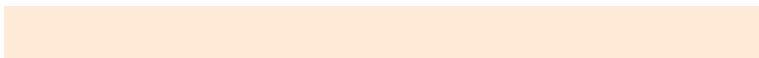
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



208, 247, 240



244, 235, 255



255, 234, 215

Complementary

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



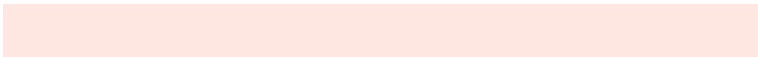
208, 247, 240



247, 208, 215

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, 231, 225



208, 247, 240



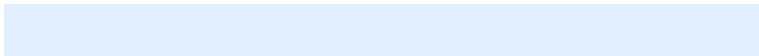
255, 231, 251

Square

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



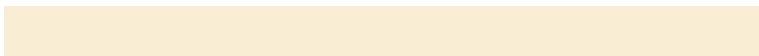
208, 247, 240



227, 239, 255



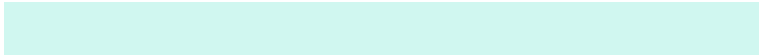
255, 230, 238



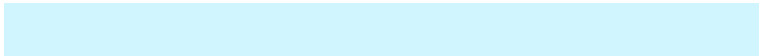
249, 238, 212

Rectangle

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



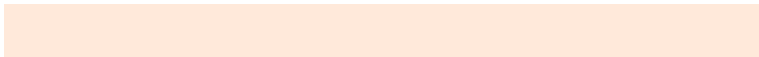
208, 247, 240



209, 245, 255



255, 230, 238



255, 233, 218

Sweetspot

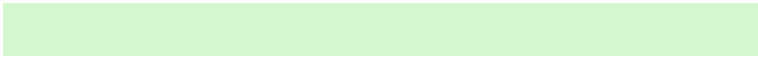
The Sweet Spot groups the original color and five complimentary colors.



208, 247, 240



242, 255, 253



215, 247, 208



120, 128, 126



0, 0, 0



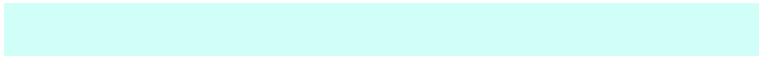
128, 128, 128

Same Dimension

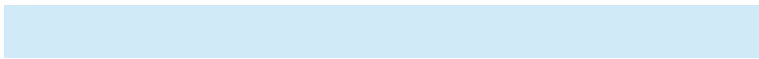
The Same Dimension uses a secret algorithm to generate beautiful new colors.



208, 247, 240



207, 255, 246



208, 235, 247



110, 122, 120



0, 186, 153



0, 59, 48

Inverse Universe

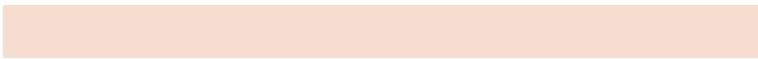
The Inverse Universe completely reimagines the original color for something new.



247, 208, 215



255, 207, 215



247, 220, 208



122, 110, 112



186, 0, 33



59, 0, 11

Previews

White Background



This preview shows how the RGB color 208, 247, 240 looks on a white background.

Color Contrast Check

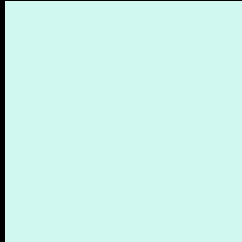
Large Text (above 18pt) WCAG AA × Fail

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 208, 247, 240 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

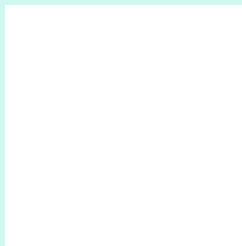
Any Text WCAG AAA ✓ Pass

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

RGB 208, 247, 240 Background



This preview shows how black text looks on a background with the RGB color 208, 247, 240.

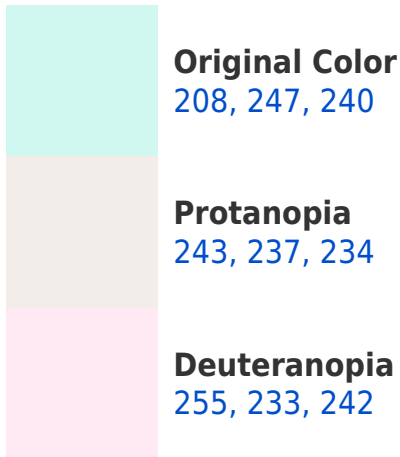


This preview shows how white text looks on a background with the RGB color 208, 247, 240.

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

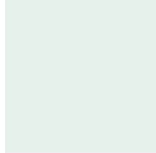
221, 242, 255

Trichromacy



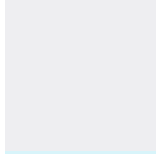
Original Color

208, 247, 240



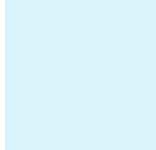
Protanomaly

230, 241, 236



Deuteranomaly

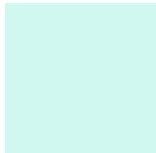
238, 238, 241



Tritanomaly

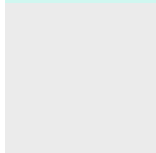
216, 244, 250

Monochromacy



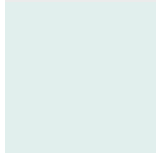
Original Color

208, 247, 240



Achromatopsia

235, 235, 235



Achromatomaly

225, 239, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 208, 247, 240 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(208, 247, 240)` looks like.

```
.text, #text, p{  
    color:rgb(208, 247, 240)  
}
```

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(208, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 247, 240) }
```

Border

The CSS property to change the border of an element to RGB 208, 247, 240 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(208, 247, 240) }
```

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

```
.border{ border-color:rgb(208, 247, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 247, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(208, 247,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 208, 247, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 247, 240) }
```

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

```
.background{ background-color: rgb(208,  
247, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor