

Converting Colors

RGB(195, 250, 245)

Have a look what the booklet for
RGB(195, 250, 245) contains.

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Color

RGB(195, 250, 245)

Conversions

Conversions Part 1

Format	Color
Hex	C3FAF5
RGB	195, 250, 245
RGB Percent	76%, 98%, 96%
CMY	0.2353, 0.0196, 0.0392
CMYK	0.22, 0.00, 0.02, 0.02
HSL	175°, 85%, 87%
HSV	175°, 22%, 98%
XYZ	73.1727, 86.5659, 99.2385
YIQ	232.9850, -31.1750, -13.2150

Conversions

Conversions Part 2

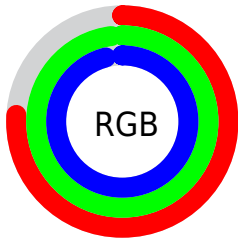
Format	Color
RYB	195, 224, 250
Decimal	12843765
CIELab	94.55, -18.27, -3.30
CIELCh	95, 18.566, 190.243
Yxy	86.5659, 0.2825, 0.3343
Android (android.graphics.Color)	4291033845 (0xFFC3FAF5)
YUV	232.9850, 5.9234, -33.3128
Hunter-Lab	93.0408, -22.4386, 1.8891

Details

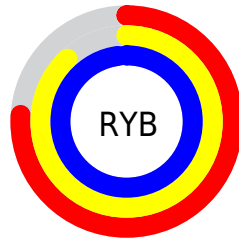
The RGB color **195, 250, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **250, 195, 200**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 252, 255, 255, and **140, 193, 189** is the 20% darker color. If you saturate the color by 10%, you get **170, 250, 243**, and if you desaturate by 10%, it is **220, 250, 247**.

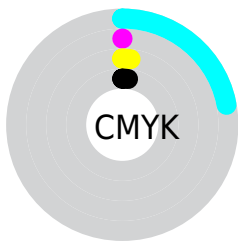
Distribution



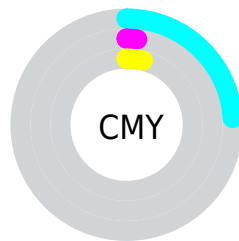
- Red (76%)
- Green (98%)
- Blue (96%)



- Red (76%)
- Yellow (88%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 250, 245 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 195, 250, 245 by changing the saturation by 10% instead.

 195, 250, 245


255, 255, 255


 252, 255, 255


 195, 250, 245

 167, 221, 217

 140, 193, 189

 114, 166, 162

 88, 140, 136

 63, 114, 110

 37, 89, 86

 7, 66, 63

 0, 43, 41

 0, 25, 20

 195, 250, 245

 195, 250, 245

 170, 250, 243

 220, 250, 247

 145, 250, 240

 245, 250, 250

 120, 250, 238

 255, 250, 252

 95, 250, 236

 255, 250, 254

 70, 250, 234

 255, 250, 255

 45, 250, 231

 20, 250, 229

 0, 250, 227

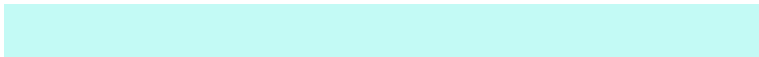
Harmonies

Analogous

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



208, 249, 227



195, 250, 245



194, 248, 255

Triad

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



195, 250, 245



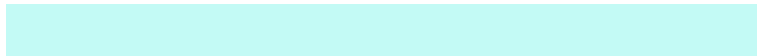
250, 233, 255



255, 234, 206

Complementary

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



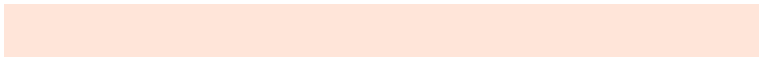
195, 250, 245



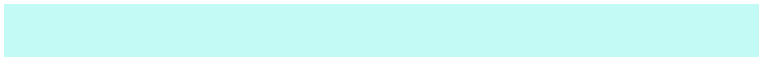
250, 195, 200

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, 229, 217



195, 250, 245



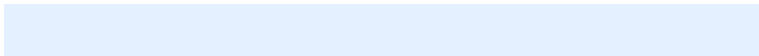
255, 228, 252

Square

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



195, 250, 245



228, 239, 255



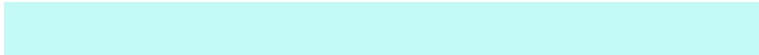
255, 227, 234



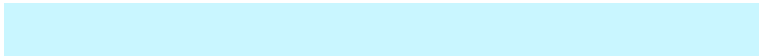
247, 240, 204

Rectangle

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



195, 250, 245



201, 246, 255



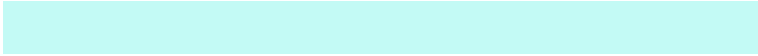
255, 227, 234



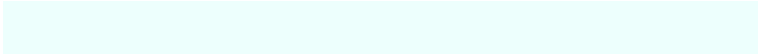
255, 232, 209

Sweetspot

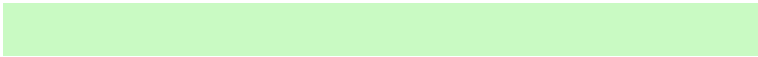
The Sweet Spot groups the original color and five complimentary colors.



195, 250, 245



237, 255, 253



201, 250, 195



117, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

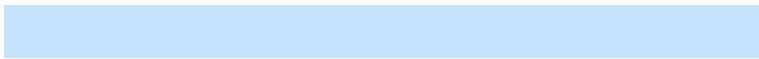
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 250, 245



189, 255, 249



195, 228, 250



112, 125, 124



0, 189, 172



0, 61, 56

Inverse Universe

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



250, 195, 200



255, 189, 195



250, 217, 195



125, 112, 114



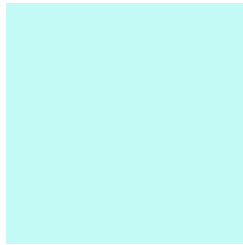
189, 0, 17



61, 0, 6

Previews

White Background



This preview shows how the RGB color 195, 250, 245 looks on a white background.

Color Contrast Check

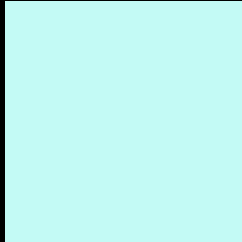
Large Text (above 18pt) WCAG AA × Fail

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 195, 250, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

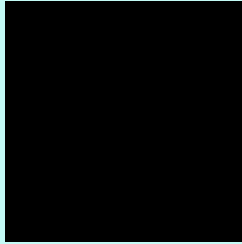
Any Text WCAG AA ✓ Pass

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 195, 250, 245 Background



This preview shows how black text looks on a background with the RGB color 195, 250, 245.



This preview shows how white text looks on a background with the RGB color 195, 250, 245.

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





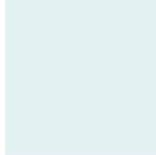
Tritanopia
217, 243, 255

Trichromacy



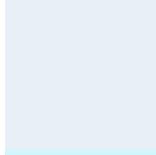
Original Color

195, 250, 245



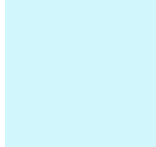
Protanomaly

226, 242, 241



Deuteranomaly

233, 239, 247



Tritanomaly

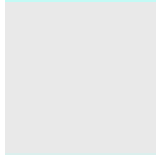
209, 246, 251

Monochromacy



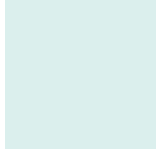
Original Color

195, 250, 245



Achromatopsia

233, 233, 233



Achromatomaly

219, 239, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 250, 245 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(195, 250, 245)` looks like.

```
.text, #text, p{  
    color:rgb(195, 250, 245)  
}
```

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(195, 250, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 250, 245) }
```

Border

The CSS property to change the border of an element to RGB 195, 250, 245 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(195, 250, 245) }
```

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

```
.border{ border-color:rgb(195, 250, 245) }
```

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

Here you see how a box with a 4 pixel rgb(195, 250, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 250, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 250, 245);  
box-shadow:4px 4px 4px 4px rgb(195, 250,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 195, 250, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 250, 245) }
```

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

```
.background{ background-color: rgb(195,  
250, 245) }
```

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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