

Converting Colors

RGB(190, 245, 245)

Have a look what the booklet for
RGB(190, 245, 245) contains.

RGB(190, 245, 245)	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(190, 245, 245)

Conversions

Conversions Part 1

Format	Color
Hex	BEF5F5
RGB	190, 245, 245
RGB Percent	75%, 96%, 96%
CMY	0.2549, 0.0392, 0.0392
CMYK	0.22, 0.00, 0.00, 0.04
HSL	180°, 73%, 85%
HSV	180°, 22%, 96%
XYZ	70.3690, 82.8445, 98.6680
YIQ	228.5550, -32.7800, -11.6600

Conversions

Conversions Part 2

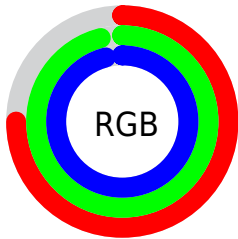
Format	Color
R_{YB}	190, 218, 245
Decimal	12514805
CIE _{Lab}	92.95, -17.27, -5.70
CIE _{LCh}	93, 18.187, 198.267
Yxy	82.8445, 0.2794, 0.3289
Android (android.graphics.Color)	4290704885 (0xFFBEF5F5)
YUV	228.5550, 8.1074, -33.8127
Hunter-Lab	91.0190, -21.2804, -0.5593

Details

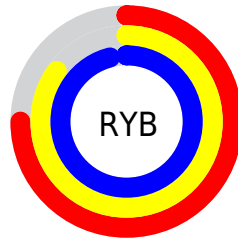
The RGB color `190, 245, 245` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `245, 190, 190`, and the grayscale version is `228, 228, 228`.

A 20% lighter version of the original color is `247, 255, 255`, and `135, 189, 189` is the 20% darker color. If you saturate the color by 10%, you get `166, 245, 245`, and if you desaturate by 10%, it is `215, 245, 245`.

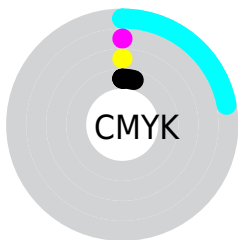
Distribution



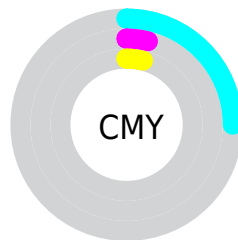
- Red (75%)
- Green (96%)
- Blue (96%)



- Red (75%)
- Yellow (85%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (25%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 245, 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 190, 245, 245 by changing the saturation by 10% instead.

 190, 245, 245

255, 255, 255


 247, 255, 255


 190, 245, 245


 162, 216, 217

 135, 189, 189

 109, 162, 162


 83, 135, 136

 57, 110, 110

 31, 85, 86

 0, 62, 63

 0, 40, 41

 0, 19, 21

 190, 245, 245

 190, 245, 245

 166, 245, 245

 215, 245, 245

 141, 245, 245

 239, 245, 245

 117, 245, 245

 255, 245, 245

 92, 245, 245

 68, 245, 245

 43, 245, 245

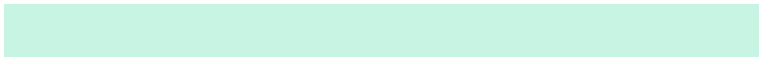
 19, 245, 245

 0, 245, 245

Harmonies

Analogous

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



200, 245, 227



190, 245, 245



193, 243, 255

Triad

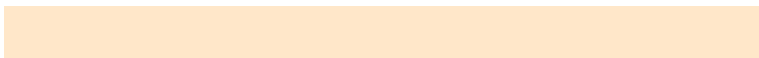
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190, 245, 245



251, 227, 255



255, 231, 201

Complementary

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



190, 245, 245



245, 190, 190

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, 226, 209



190, 245, 245



255, 223, 242

Square

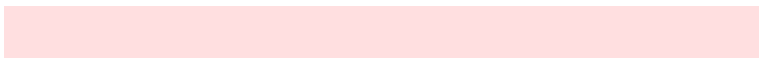
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



190, 245, 245



229, 233, 255



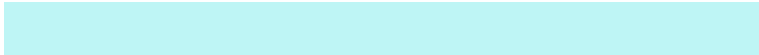
255, 223, 224



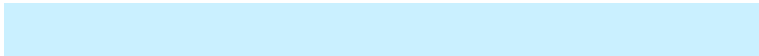
237, 237, 201

Rectangle

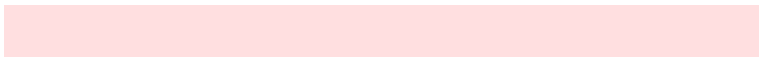
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



190, 245, 245



202, 240, 255



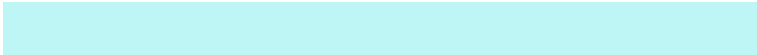
255, 223, 224



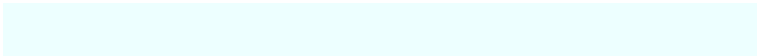
255, 229, 203

Sweetspot

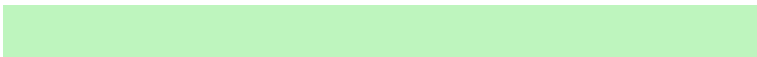
The Sweet Spot groups the original color and five complimentary colors.



190, 245, 245



237, 255, 255



190, 245, 190



117, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 245, 245



186, 255, 255



190, 218, 245



110, 122, 122



0, 186, 186



0, 59, 59

Inverse Universe

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



245, 190, 245



255, 186, 255



245, 218, 190



122, 110, 122



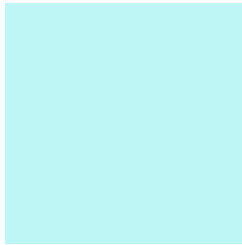
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RGB color 190, 245, 245 looks on a white background.

Color Contrast Check

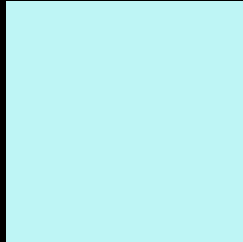
Large Text (above 18pt) WCAG AA × Fail

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 190, 245, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

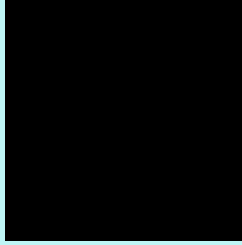
Any Text WCAG AA ✓ Pass

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 190, 245, 245 Background



This preview shows how black text looks on a background with the RGB color 190, 245, 245.

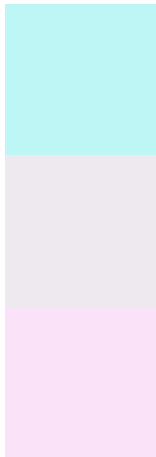


This preview shows how white text looks on a background with the RGB color 190, 245, 245.

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



Original Color
190, 245, 245

Protanopia
237, 233, 238

Deuteranopia
250, 227, 249



Tritanopia

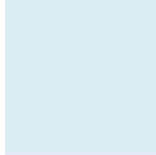
205, 240, 255

Trichromacy



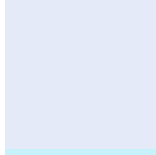
Original Color

190, 245, 245



Protanomaly

220, 237, 241



Deuteranomaly

228, 234, 248



Tritanomaly

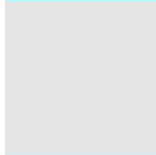
200, 242, 251

Monochromacy



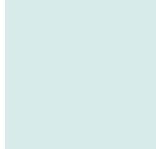
Original Color

190, 245, 245



Achromatopsia

229, 229, 229



Achromatomaly

215, 235, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 245, 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(190, 245, 245)` looks like.

```
.text, #text, p{  
    color:rgb(190, 245, 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(190, 245, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 245, 245) }
```

Border

The CSS property to change the border of an element to RGB 190, 245, 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(190, 245, 245) }
```

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

```
.border{ border-color:rgb(190, 245, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 245, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 245, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 245, 245);  
box-shadow:4px 4px 4px 4px rgb(190, 245,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 190, 245, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 245, 245) }
```

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

```
.background{ background-color: rgb(190,  
245, 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](#).

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