

Converting Colors

RGB(190, 250, 205)

Have a look what the booklet for
RGB(190, 250, 205) contains.

RGB(190, 250, 205)	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, 250, 205)

Conversions

Conversions Part 1

Format	Color
Hex	BEFACD
RGB	190, 250, 205
RGB Percent	75%, 98%, 80%
CMY	0.2549, 0.0196, 0.1961
CMYK	0.24, 0.00, 0.18, 0.02
HSL	135°, 86%, 86%
HSV	135°, 24%, 98%
XYZ	66.4403, 83.7261, 70.4166
YIQ	226.9300, -21.3150, -26.7150

Conversions

Conversions Part 2

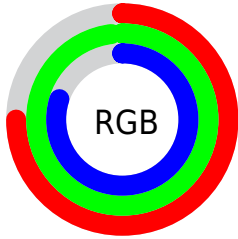
Format	Color
RYB	190, 238, 250
Decimal	12516045
CIELab	93.33, -27.51, 15.55
CIElCh	93, 31.599, 150.528
Yxy	83.7261, 0.3012, 0.3796
Android (android.graphics.Color)	4290706125 (0xFFBEFACD)
YUV	226.9300, -10.8115, -32.3876
Hunter-Lab	91.5020, -30.5183, 18.4240

Details

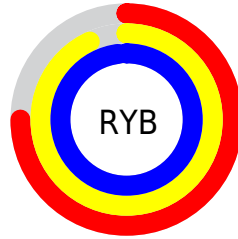
The RGB color **190, 250, 205** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **250, 190, 235**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **247, 255, 255**, and **135, 193, 151** is the 20% darker color. If you saturate the color by 10%, you get **165, 250, 186**, and if you desaturate by 10%, it is **215, 250, 224**.

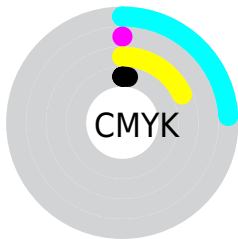
Distribution



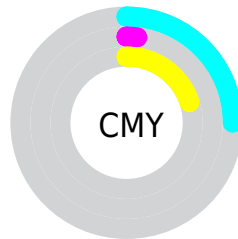
- Red (75%)
- Green (98%)
- Blue (80%)



- Red (75%)
- Yellow (93%)
- Blue (98%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (25%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 250, 205 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, 250, 205 by changing the saturation by 10% instead.

 190, 250, 205

255, 255, 255


 247, 255, 255

 190, 250, 205

 162, 221, 177

 135, 193, 151

 109, 166, 125


 84, 139, 100

 58, 114, 76

 33, 89, 53

 3, 65, 31

 0, 42, 9

 0, 20, 0

 190, 250, 205

 190, 250, 205

 165, 250, 186

 215, 250, 224

 140, 250, 167

 240, 250, 243

 115, 250, 149

 255, 250, 255

 90, 250, 130

 65, 250, 111

 40, 250, 93

 15, 250, 74

 0, 250, 63

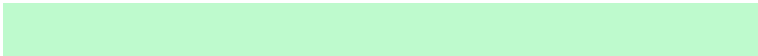
Harmonies

Analogous

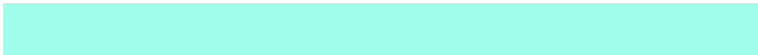
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 243, 183



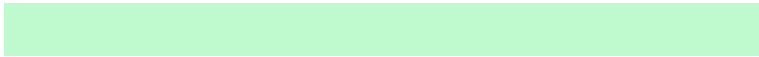
190, 250, 205



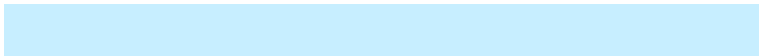
160, 253, 235

Triad

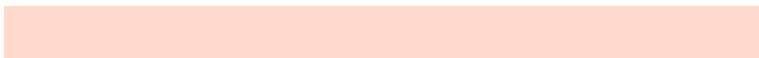
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190, 250, 205



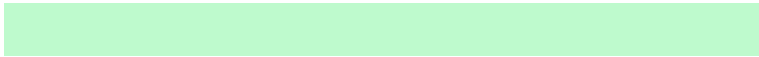
199, 238, 255



255, 216, 206

Complementary

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



190, 250, 205



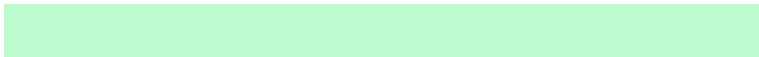
250, 190, 235

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, 214, 236



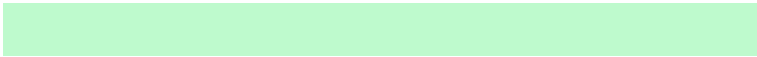
190, 250, 205



241, 228, 255

Square

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



190, 250, 205



162, 247, 255



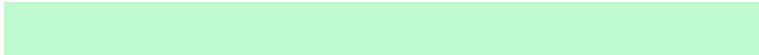
255, 218, 255



255, 224, 184

Rectangle

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



190, 250, 205



148, 253, 255



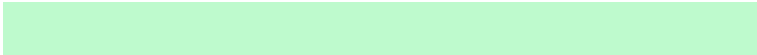
255, 218, 255



255, 215, 216

Sweetspot

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



190, 250, 205



237, 255, 242



235, 250, 190



117, 128, 120



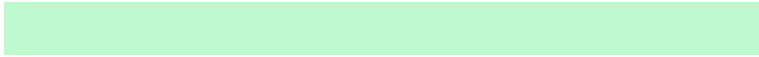
0, 0, 0



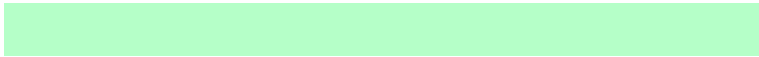
128, 128, 128

Same Dimension

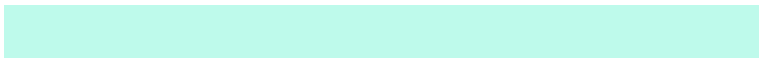
The Same Dimension uses a secret algorithm to generate beautiful new colors.



190, 250, 205



181, 255, 200



190, 250, 235



112, 125, 116



0, 189, 47



0, 61, 15

Inverse Universe

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



250, 190, 235



255, 181, 237



250, 190, 205



125, 112, 122



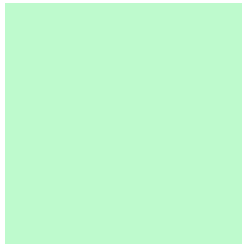
189, 0, 142



61, 0, 46

Previews

White Background



This preview shows how the RGB color 190, 250, 205 looks on a white background.

Color Contrast Check

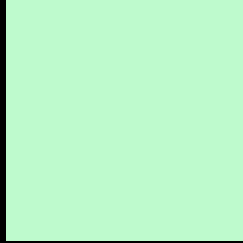
Large Text (above 18pt) WCAG AA × Fail

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, 250, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

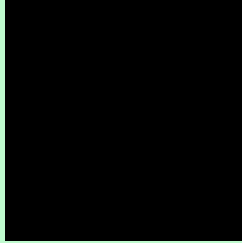
Any Text WCAG AA ✓ Pass

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, 250, 205 Background



This preview shows how black text looks on a background with the RGB color 190, 250, 205.

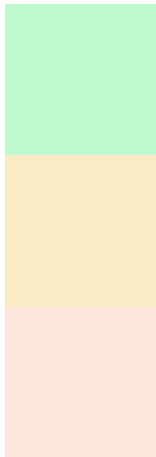


This preview shows how white text looks on a background with the RGB color 190, 250, 205.

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, 250, 205

Protanopia
248, 235, 197

Deuteranopia
255, 230, 220



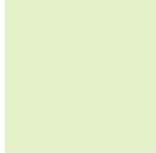
Tritanopia
210, 240, 255

Trichromacy



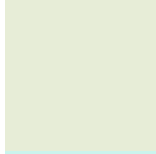
Original Color

190, 250, 205



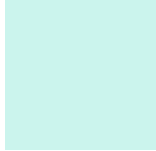
Protanomaly

227, 240, 200



Deuteranomaly

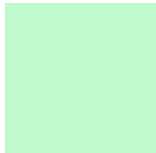
231, 237, 215



Tritanomaly

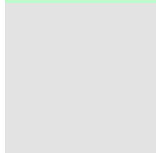
203, 244, 237

Monochromacy



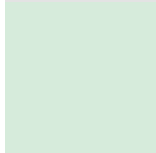
Original Color

190, 250, 205



Achromatopsia

227, 227, 227



Achromatomaly

214, 235, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 250, 205 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, 250, 205)` looks like.

```
.text, #text, p{  
  color:rgb(190, 250, 205)  
}
```

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, 250, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 250, 205) }
```

Border

The CSS property to change the border of an element to RGB 190, 250, 205 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, 250, 205) }
```

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

```
.border{ border-color:rgb(190, 250, 205) }
```

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

Here you see how a box with a 4 pixel rgb(190, 250, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 250, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 250, 205);  
box-shadow:4px 4px 4px 4px rgb(190, 250,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 190, 250, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 250, 205) }
```

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

```
.background{ background-color: rgb(190,  
250, 205) }
```

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