

Converting Colors

RGB(191, 245, 212)

Have a look what the booklet for
RGB(191, 245, 212) contains.

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Color

RGB(191, 245, 212)

Conversions

Conversions Part 1

Format	Color
Hex	BFF5D4
RGB	191, 245, 212
RGB Percent	75%, 96%, 83%
CMY	0.2510, 0.0392, 0.1686
CMYK	0.22, 0.00, 0.13, 0.04
HSL	143°, 73%, 85%
HSV	143°, 22%, 96%
XYZ	66.0219, 81.1346, 74.4682
YIQ	225.0920, -21.5910, -21.7110

Conversions

Conversions Part 2

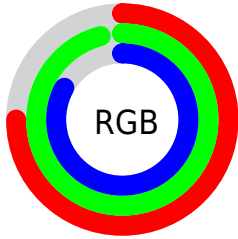
Format	Color
RYB	191, 230, 245
Decimal	12580308
CIELab	92.19, -23.53, 10.33
CIElCh	92, 25.696, 156.306
Yxy	81.1346, 0.2979, 0.3661
Android (android.graphics.Color)	4290770388 (0xFFBFF5D4)
YUV	225.0920, -6.4544, -29.8987
Hunter-Lab	90.0748, -26.7961, 14.0351

Details

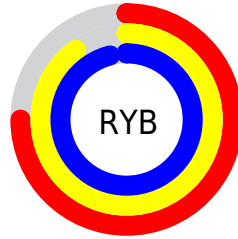
The RGB color **191, 245, 212** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **245, 191, 224**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **248, 255, 255**, and **137, 189, 157** is the 20% darker color. If you saturate the color by 10%, you get **166, 245, 197**, and if you desaturate by 10%, it is **216, 245, 227**.

Distribution



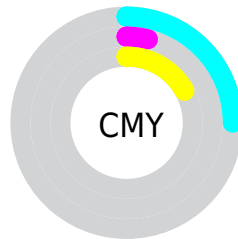
- Red (75%)
- Green (96%)
- Blue (83%)



- Red (75%)
- Yellow (90%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (25%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 245, 212 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 191, 245, 212 by changing the saturation by 10% instead.

■ 191, 245, 212

255, 255, 255

■ 248, 255, 255

■ 191, 245, 212

■ 163, 216, 184

■ 137, 189, 157

■ 111, 161, 131

■ 85, 135, 106

■ 60, 109, 82

■ 36, 85, 59

■ 9, 61, 37

■ 0, 39, 16

■ 0, 14, 0

 191, 245, 212

 191, 245, 212

 166, 245, 197

 216, 245, 227

 142, 245, 182

 240, 245, 242

 118, 245, 167

 255, 245, 255

 93, 245, 152

 68, 245, 137

 44, 245, 122

 19, 245, 107

 0, 245, 95

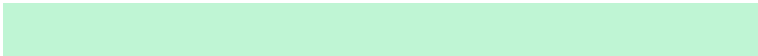
Harmonies

Analogous

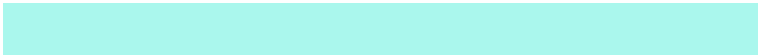
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219, 240, 192



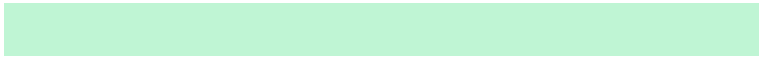
191, 245, 212



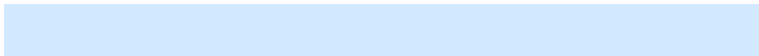
170, 247, 237

Triad

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



191, 245, 212



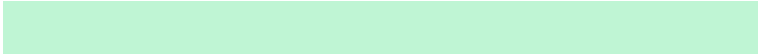
211, 233, 255



255, 218, 204

Complementary

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



191, 245, 212



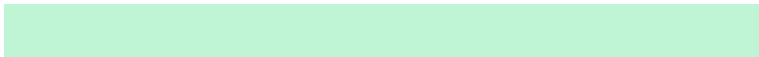
245, 191, 224

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, 215, 228



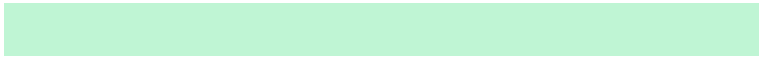
191, 245, 212



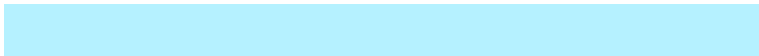
243, 225, 255

Square

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



191, 245, 212



181, 241, 255



255, 218, 253



255, 224, 188

Rectangle

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



191, 245, 212



164, 246, 254



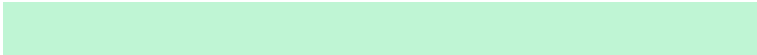
255, 218, 253



255, 216, 212

Sweetspot

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



191, 245, 212



237, 255, 244



224, 245, 191



117, 128, 121



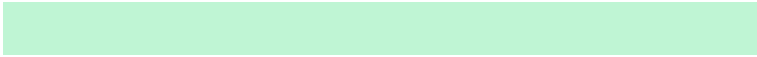
0, 0, 0



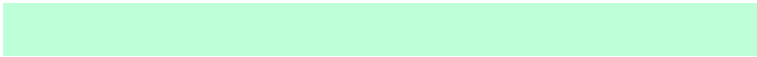
128, 128, 128

Same Dimension

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



191, 245, 212



189, 255, 214



191, 245, 239



110, 122, 115



0, 186, 72



0, 59, 23

Inverse Universe

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



245, 191, 224



255, 189, 229



245, 191, 197



122, 110, 118



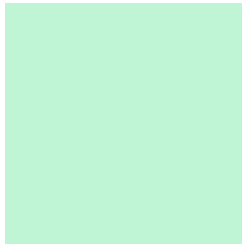
186, 0, 114



59, 0, 36

Previews

White Background



This preview shows how the RGB color 191, 245, 212 looks on a white background.

Color Contrast Check

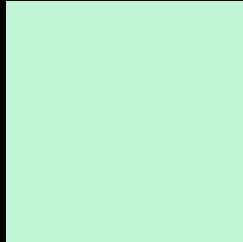
Large Text (above 18pt) WCAG AA × Fail

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 191, 245, 212 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

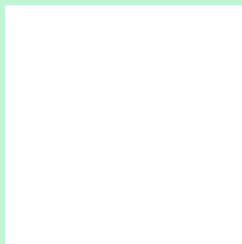
Any Text WCAG AAA ✓ Pass

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

RGB 191, 245, 212 Background



This preview shows how black text looks on a background with the RGB color 191, 245, 212.

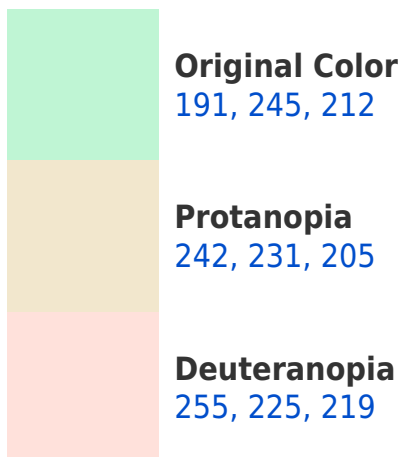


This preview shows how white text looks on a background with the RGB color 191, 245, 212.

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





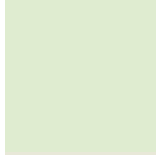
Tritanopia
203, 238, 255

Trichromacy



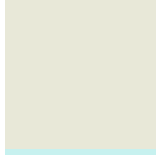
Original Color

191, 245, 212



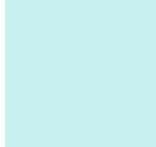
Protanomaly

223, 236, 208



Deuteranomaly

232, 232, 216



Tritanomaly

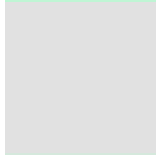
199, 241, 239

Monochromacy



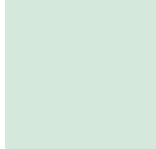
Original Color

191, 245, 212



Achromatopsia

225, 225, 225



Achromatomaly

213, 232, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 245, 212 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(191, 245, 212)` looks like.

```
.text, #text, p{  
    color:rgb(191, 245, 212)  
}
```

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(191, 245, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 245, 212) }
```

Border

The CSS property to change the border of an element to RGB 191, 245, 212 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(191, 245, 212) }
```

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

```
.border{ border-color:rgb(191, 245, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 245, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 245, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 245, 212); box-shadow:4px 4px 4px 4px rgb(191, 245, 212) }
```

Background

The CSS property to change the background color of an element to RGB 191, 245, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 245, 212) }
```

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

```
.background{ background-color: rgb(191,  
245, 212) }
```

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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