

Converting Colors

RGB(191, 246, 200)

Have a look what the booklet for
RGB(191, 246, 200) contains.

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Color

RGB(191, 246, 200)

Conversions

Conversions Part 1

Format	Color
Hex	BFF6C8
RGB	191, 246, 200
RGB Percent	75%, 96%, 78%
CMY	0.2510, 0.0353, 0.2157
CMYK	0.22, 0.00, 0.19, 0.04
HSL	130°, 75%, 86%
HSV	130°, 22%, 96%
XYZ	64.8670, 81.1580, 66.8898
YIQ	224.3110, -18.0140, -25.9660

Conversions

Conversions Part 2

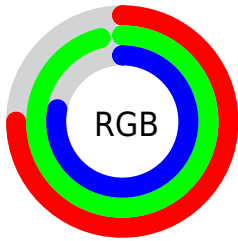
Format	Color
RYB	191, 238, 246
Decimal	12580552
CIELab	92.20, -26.17, 16.54
CIELCh	92, 30.959, 147.714
Yxy	81.1580, 0.3047, 0.3812
Android (android.graphics.Color)	4290770632 (0xFFBFF6C8)
YUV	224.3110, -11.9853, -29.2137
Hunter-Lab	90.0878, -29.1261, 19.0388

Details

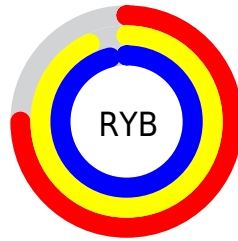
The RGB color **191, 246, 200** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **246, 191, 237**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **248, 255, 255**, and **137, 189, 146** is the 20% darker color. If you saturate the color by 10%, you get **166, 246, 179**, and if you desaturate by 10%, it is **216, 246, 221**.

Distribution



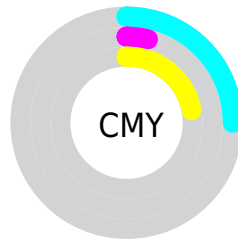
- Red (75%)
- Green (96%)
- Blue (78%)



- Red (75%)
- Yellow (93%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (25%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 246, 200 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, 246, 200 by changing the saturation by 10% instead.

 191, 246, 200


255, 255, 255

 248, 255, 255


 191, 246, 200

 163, 217, 173

 137, 189, 146

 110, 162, 120

 85, 136, 95

 60, 110, 71

 36, 86, 49

 8, 62, 27

 0, 40, 2

 0, 14, 0

 191, 246, 200

 191, 246, 200

 166, 246, 179

 216, 246, 221

 142, 246, 159

 240, 246, 241

 117, 246, 138

 255, 246, 255

 93, 246, 118

 68, 246, 97

 43, 246, 77

 19, 246, 56

 0, 246, 40

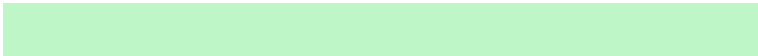
Harmonies

Analogous

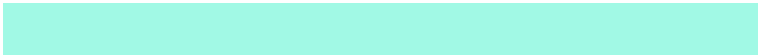
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 239, 179



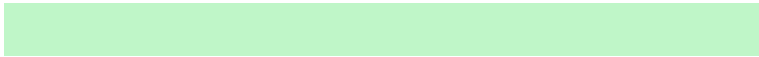
191, 246, 200



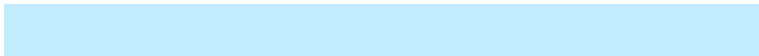
161, 249, 229

Triad

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



191, 246, 200



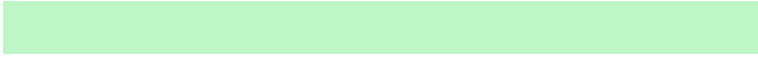
193, 236, 255



255, 213, 206

Complementary

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



191, 246, 200



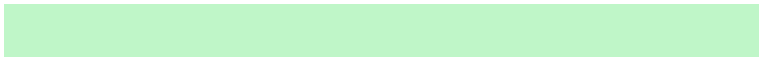
246, 191, 237

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, 211, 236



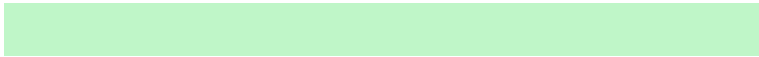
191, 246, 200



234, 226, 255

Square

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



191, 246, 200



158, 244, 255



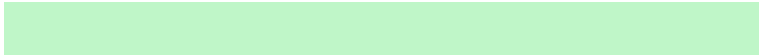
255, 216, 255



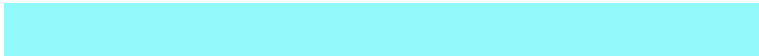
255, 220, 183

Rectangle

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



191, 246, 200



148, 249, 250



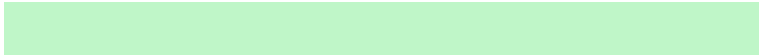
255, 216, 255



255, 212, 216

Sweetspot

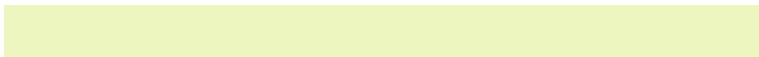
The Sweet Spot groups the original color and five complimentary colors.



191, 246, 200



237, 255, 240



238, 246, 191



117, 128, 119



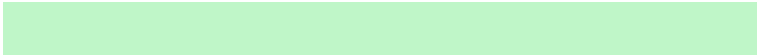
0, 0, 0



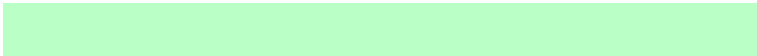
128, 128, 128

Same Dimension

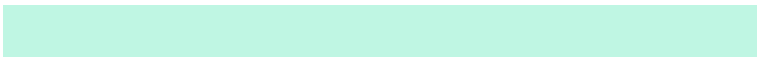
The Same Dimension uses a secret algorithm to generate beautiful new colors.



191, 246, 200



186, 255, 197



191, 246, 227



110, 122, 112



0, 186, 30



0, 59, 10

Inverse Universe

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



246, 191, 237



255, 186, 244



246, 191, 210



122, 110, 120



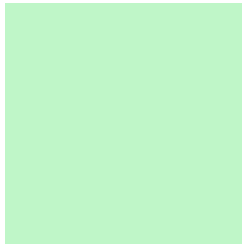
186, 0, 156



59, 0, 49

Previews

White Background



This preview shows how the RGB color 191, 246, 200 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, 246, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

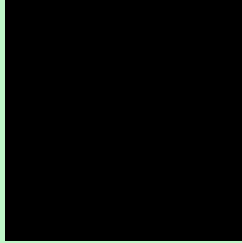
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

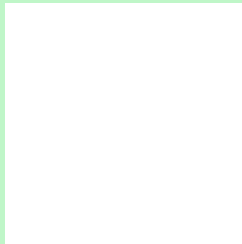
Any Text WCAG AAA ✓ Pass

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

RGB 191, 246, 200 Background



This preview shows how black text looks on a background with the RGB color 191, 246, 200.

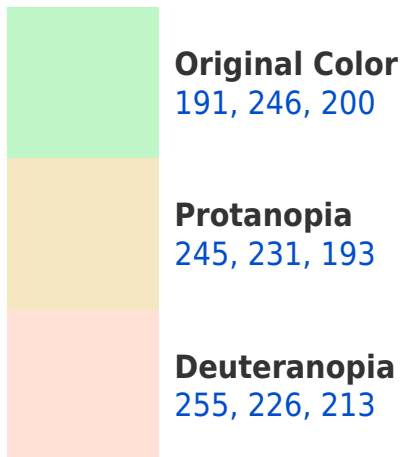


This preview shows how white text looks on a background with the RGB color 191, 246, 200.

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





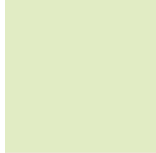
Tritanopia
204, 238, 255

Trichromacy



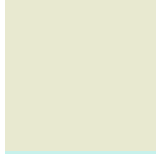
Original Color

191, 246, 200



Protanomaly

225, 236, 196



Deuteranomaly

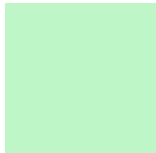
232, 233, 208



Tritanomaly

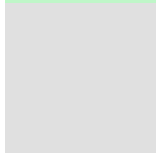
199, 241, 235

Monochromacy



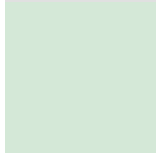
Original Color

191, 246, 200



Achromatopsia

224, 224, 224



Achromatomaly

212, 232, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 246, 200 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, 246, 200)` looks like.

```
.text, #text, p{  
    color:rgb(191, 246, 200)  
}
```

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, 246, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 246, 200) }
```

Border

The CSS property to change the border of an element to RGB 191, 246, 200 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, 246, 200) }
```

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

```
.border{ border-color:rgb(191, 246, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 246, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 246, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 246, 200);  
box-shadow:4px 4px 4px 4px rgb(191, 246,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 191, 246, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 246, 200) }
```

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

```
.background{ background-color: rgb(191,  
246, 200) }
```

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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