

Converting Colors

RGB(191, 251, 199)

Have a look what the booklet for
RGB(191, 251, 199) contains.

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Color

RGB(191, 251, 199)

Conversions

Conversions Part 1

Format	Color
Hex	BFFBC7
RGB	191, 251, 199
RGB Percent	75%, 98%, 78%
CMY	0.2510, 0.0157, 0.2196
CMYK	0.24, 0.00, 0.21, 0.02
HSL	128°, 88%, 87%
HSV	128°, 24%, 98%
XYZ	66.2918, 84.1942, 66.7900
YIQ	227.1320, -19.0680, -28.8920

Conversions

Conversions Part 2

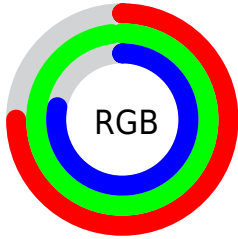
Format	Color
RYB	191, 244, 251
Decimal	12581831
CIELab	93.53, -28.72, 18.92
CIELCh	94, 34.389, 146.623
Yxy	84.1942, 0.3051, 0.3875
Android (android.graphics.Color)	4290771911 (0xFFBFFBC7)
YUV	227.1320, -13.8691, -31.6878
Hunter-Lab	91.7574, -31.6149, 21.0732

Details

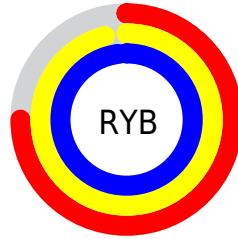
The RGB color **191, 251, 199** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **251, 191, 243**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **248, 255, 255**, and **136, 194, 145** is the 20% darker color. If you saturate the color by 10%, you get **166, 251, 177**, and if you desaturate by 10%, it is **216, 251, 221**.

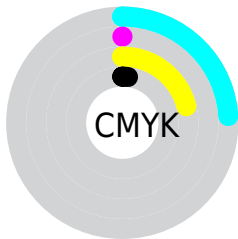
Distribution



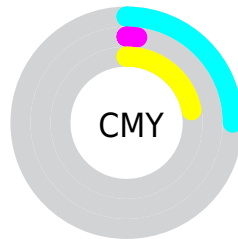
- Red (75%)
- Green (98%)
- Blue (78%)



- Red (75%)
- Yellow (96%)
- Blue (98%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)



- Cyan (25%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 251, 199 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, 251, 199 by changing the saturation by 10% instead.


 191, 251, 199


255, 255, 255


 248, 255, 255

 191, 251, 199

 163, 222, 172

 136, 194, 145

 110, 167, 119

 84, 140, 94

 59, 114, 70

 34, 90, 48

 4, 66, 26

 0, 43, 1

 0, 21, 0

■ 191, 251, 199

■ 191, 251, 199

■ 166, 251, 177

■ 216, 251, 221

■ 141, 251, 155

■ 241, 251, 243

■ 116, 251, 134

■ 255, 251, 255

■ 91, 251, 112

■ 66, 251, 90

■ 40, 251, 68

■ 15, 251, 47

■ 0, 251, 33

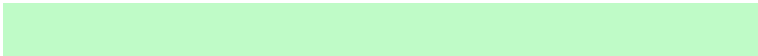
Harmonies

Analogous

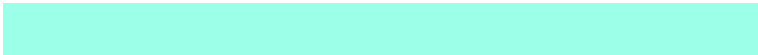
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229, 243, 177



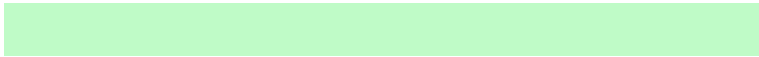
191, 251, 199



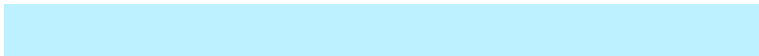
156, 255, 231

Triad

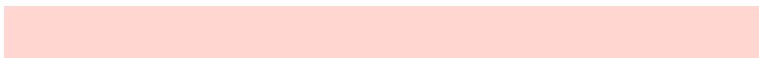
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



191, 251, 199



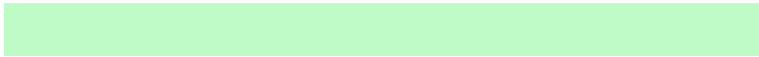
189, 241, 255



255, 214, 208

Complementary

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



191, 251, 199



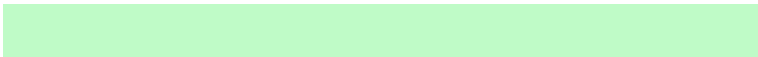
251, 191, 243

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, 212, 241



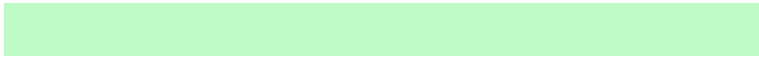
191, 251, 199



236, 229, 255

Square

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



191, 251, 199



149, 250, 255



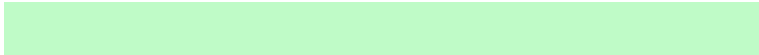
255, 218, 255



255, 222, 182

Rectangle

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



191, 251, 199



140, 255, 254



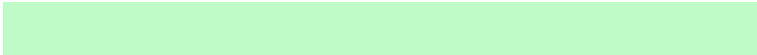
255, 218, 255



255, 213, 219

Sweetspot

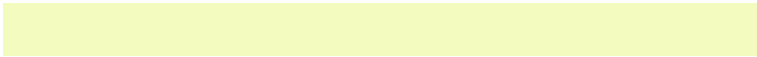
The Sweet Spot groups the original color and five complimentary colors.



191, 251, 199



237, 255, 240



243, 251, 191



117, 128, 119



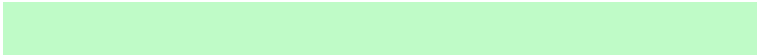
0, 0, 0



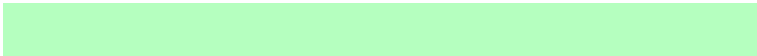
128, 128, 128

Same Dimension

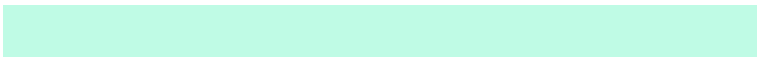
The Same Dimension uses a secret algorithm to generate beautiful new colors.



191, 251, 199



181, 255, 191



191, 251, 229



112, 125, 114



0, 189, 25



0, 61, 8

Inverse Universe

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



251, 191, 243



255, 181, 245



251, 191, 213



125, 112, 123



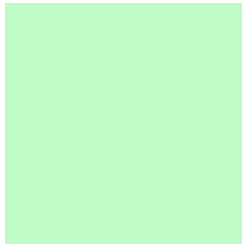
189, 0, 164



61, 0, 53

Previews

White Background



This preview shows how the RGB color 191, 251, 199 looks on a white background.

Color Contrast Check

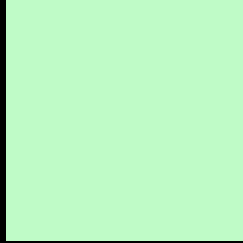
Large Text (above 18pt) WCAG AA × Fail

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, 251, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

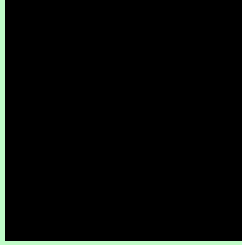
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

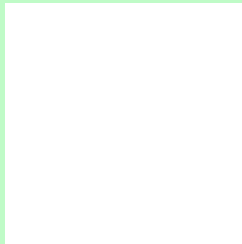
Any Text WCAG AAA ✓ Pass

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

RGB 191, 251, 199 Background



This preview shows how black text looks on a background with the RGB color 191, 251, 199.

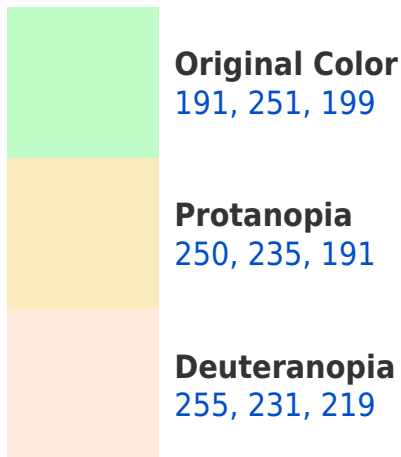


This preview shows how white text looks on a background with the RGB color 191, 251, 199.

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

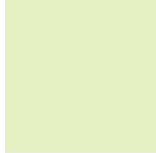
212, 241, 255

Trichromacy



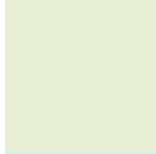
Original Color

191, 251, 199



Protanomaly

229, 241, 194



Deuteranomaly

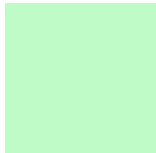
232, 238, 212



Tritanomaly

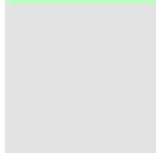
204, 245, 235

Monochromacy



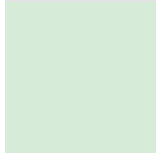
Original Color

191, 251, 199



Achromatopsia

227, 227, 227



Achromatomaly

214, 236, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 251, 199 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, 251, 199)` looks like.

```
.text, #text, p{  
    color:rgb(191, 251, 199)  
}
```

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, 251, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 251, 199) }
```

Border

The CSS property to change the border of an element to RGB 191, 251, 199 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, 251, 199) }
```

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

```
.border{ border-color:rgb(191, 251, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 251, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 251, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 251, 199); box-shadow:4px 4px 4px 4px rgb(191, 251, 199) }
```

Background

The CSS property to change the background color of an element to RGB 191, 251, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 251, 199) }
```

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

```
.background{ background-color: rgb(191,  
251, 199) }
```

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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