

Converting Colors

RGB(191, 249, 204)

Have a look what the booklet for
RGB(191, 249, 204) contains.

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Color

RGB(191, 249, 204)

Conversions

Conversions Part 1

Format	Color
Hex	BFF9CC
RGB	191, 249, 204
RGB Percent	75%, 98%, 80%
CMY	0.2510, 0.0235, 0.2000
CMYK	0.23, 0.00, 0.18, 0.02
HSL	133°, 83%, 86%
HSV	133°, 23%, 98%
XYZ	66.2606, 83.1874, 69.6912
YIQ	226.5280, -20.1230, -26.2910

Conversions

Conversions Part 2

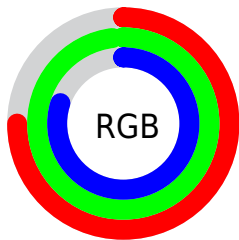
Format	Color
RYB	191, 238, 249
Decimal	12581324
CIELab	93.10, -26.90, 15.74
CIElCh	93, 31.163, 149.669
Yxy	83.1874, 0.3024, 0.3796
Android (android.graphics.Color)	4290771404 (0xFFBFF9CC)
YUV	226.5280, -11.1063, -31.1581
Hunter-Lab	91.2071, -29.9348, 18.5416

Details

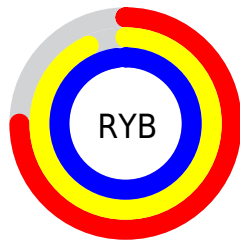
The RGB color **191, 249, 204** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 191, 236**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **248, 255, 255**, and **136, 192, 150** is the 20% darker color. If you saturate the color by 10%, you get **166, 249, 185**, and if you desaturate by 10%, it is **216, 249, 223**.

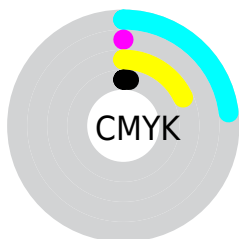
Distribution



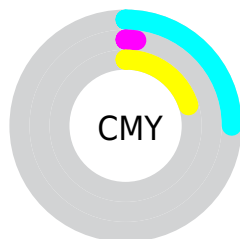
- Red (75%)
- Green (98%)
- Blue (80%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 191, 249, 204 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, 249, 204 by changing the saturation by 10% instead.


 191, 249, 204


255, 255, 255

 248, 255, 255

 191, 249, 204

 163, 220, 177

 136, 192, 150


 110, 165, 124

 85, 139, 99

 60, 113, 75

 35, 88, 52

 6, 64, 30

 0, 42, 7

 0, 19, 0

 191, 249, 204

 191, 249, 204

 166, 249, 185

 216, 249, 223

 141, 249, 165

 241, 249, 243

 116, 249, 146

 255, 249, 255

 91, 249, 127

 67, 249, 107

 42, 249, 88

 17, 249, 69

 0, 249, 56

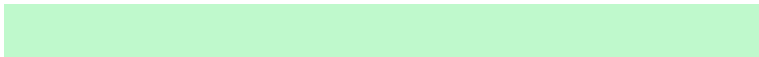
Harmonies

Analogous

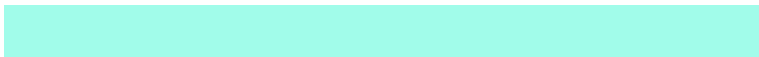
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 242, 183



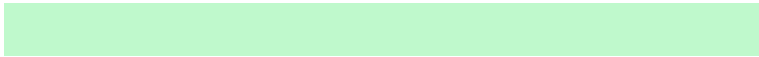
191, 249, 204



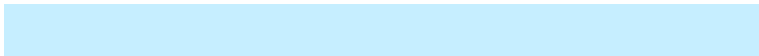
161, 252, 234

Triad

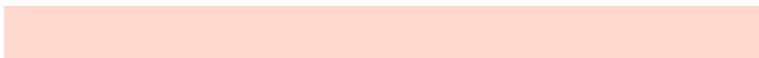
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



191, 249, 204



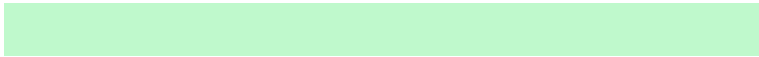
198, 238, 255



255, 216, 207

Complementary

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



191, 249, 204



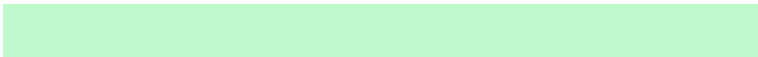
249, 191, 236

Split Complementary

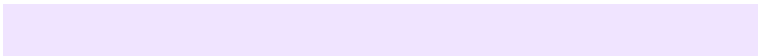
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 214, 237



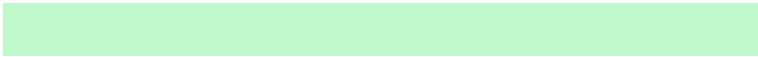
191, 249, 204



240, 228, 255

Square

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



191, 249, 204



162, 246, 255



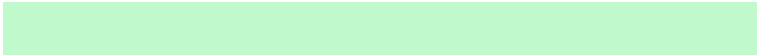
255, 218, 255



255, 223, 184

Rectangle

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



191, 249, 204



149, 252, 254



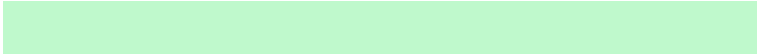
255, 218, 255



255, 214, 216

Sweetspot

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



191, 249, 204



237, 255, 241



236, 249, 191



117, 128, 120



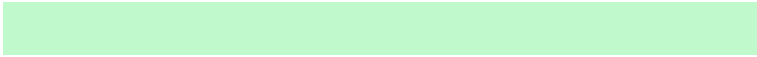
0, 0, 0



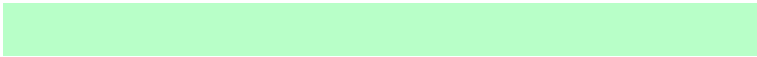
128, 128, 128

Same Dimension

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



191, 249, 204



184, 255, 200



191, 249, 233



112, 125, 115



0, 189, 42



0, 61, 14

Inverse Universe

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



249, 191, 236



255, 184, 239



249, 191, 207



125, 112, 122



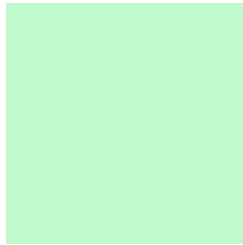
189, 0, 146



61, 0, 47

Previews

White Background



This preview shows how the RGB color 191, 249, 204 looks on a white background.

Color Contrast Check

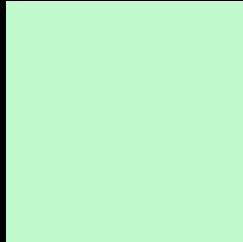
Large Text (above 18pt) WCAG AA × Fail

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, 249, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

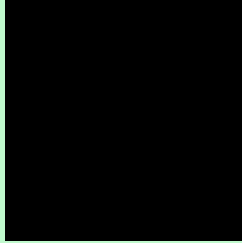
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

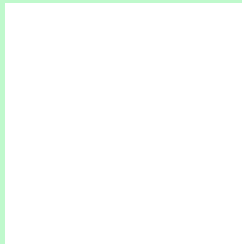
Any Text WCAG AAA ✓ Pass

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

RGB 191, 249, 204 Background



This preview shows how black text looks on a background with the RGB color 191, 249, 204.

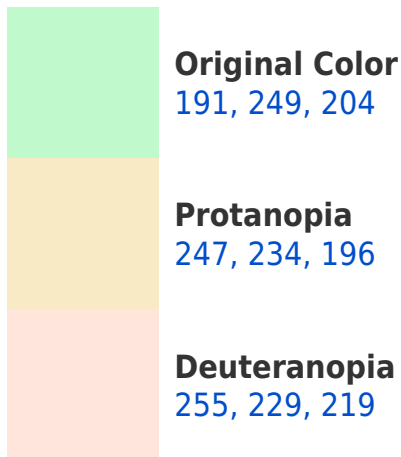


This preview shows how white text looks on a background with the RGB color 191, 249, 204.

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

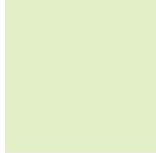
209, 240, 255

Trichromacy



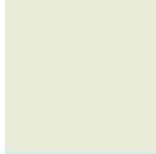
Original Color

191, 249, 204



Protanomaly

227, 239, 199



Deuteranomaly

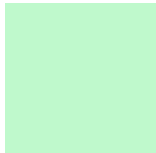
232, 236, 214



Tritanomaly

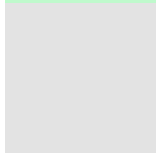
202, 243, 236

Monochromacy



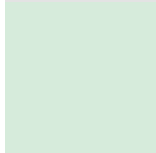
Original Color

191, 249, 204



Achromatopsia

227, 227, 227



Achromatomaly

214, 235, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 191, 249, 204 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, 249, 204)` looks like.

```
.text, #text, p{  
    color:rgb(191, 249, 204)  
}
```

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, 249, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 249, 204) }
```

Border

The CSS property to change the border of an element to RGB 191, 249, 204 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, 249, 204) }
```

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

```
.border{ border-color:rgb(191, 249, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 249, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 249, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 249, 204); box-shadow:4px 4px 4px 4px rgb(191, 249, 204) }
```

Background

The CSS property to change the background color of an element to RGB 191, 249, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 249, 204) }
```

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

```
.background{ background-color: rgb(191,  
249, 204) }
```

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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