

Converting Colors

RGB(193, 245, 204)

Have a look what the booklet for
RGB(193, 245, 204) contains.

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Color

RGB(193, 245, 204)

Conversions

Conversions Part 1

Format	Color
Hex	C1F5CC
RGB	193, 245, 204
RGB Percent	76%, 96%, 80%
CMY	0.2431, 0.0392, 0.2000
CMYK	0.21, 0.00, 0.17, 0.04
HSL	133°, 72%, 86%
HSV	133°, 21%, 96%
XYZ	65.5438, 81.0019, 69.3071
YIQ	224.7780, -17.8310, -23.7750

Conversions

Conversions Part 2

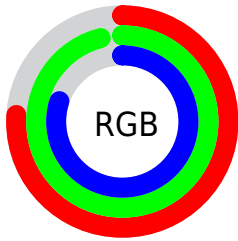
Format	Color
RYB	193, 236, 245
Decimal	12711372
CIELab	92.13, -24.35, 14.39
CIELCh	92, 28.283, 149.411
Yxy	81.0019, 0.3037, 0.3753
Android (android.graphics.Color)	4290901452 (0xFFC1F5CC)
YUV	224.7780, -10.2436, -27.8693
Hunter-Lab	90.0011, -27.5082, 17.3433

Details

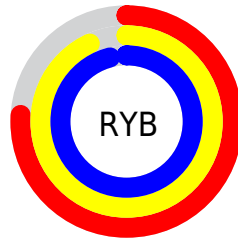
The RGB color **193, 245, 204** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **245, 193, 234**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 250, 255, 255, and **139, 189, 150** is the 20% darker color. If you saturate the color by 10%, you get **169, 245, 185**, and if you desaturate by 10%, it is **218, 245, 223**.

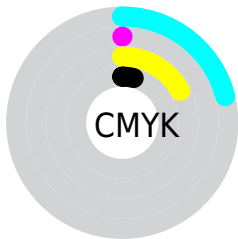
Distribution



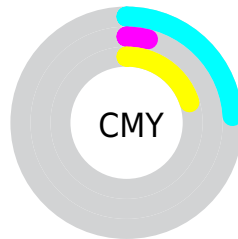
- Red (76%)
- Green (96%)
- Blue (80%)



- Red (76%)
- Yellow (93%)
- Blue (96%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 245, 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 193, 245, 204 by changing the saturation by 10% instead.

■ 193, 245, 204

255, 255, 255

■ 250, 255, 255

■ 193, 245, 204

■ 165, 216, 177

■ 139, 189, 150

■ 112, 161, 124

■ 87, 135, 99

■ 62, 109, 75

■ 38, 85, 52

■ 12, 61, 31

■ 0, 39, 8

■ 0, 14, 0

 193, 245, 204

 193, 245, 204

 169, 245, 185

 218, 245, 223

 144, 245, 165

 242, 245, 243

 120, 245, 146

 255, 245, 255

 95, 245, 127

 70, 245, 107

 46, 245, 88

 21, 245, 69

 0, 245, 52

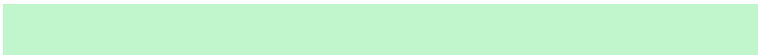
Harmonies

Analogous

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



224, 239, 185



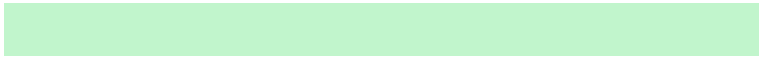
193, 245, 204



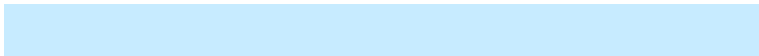
167, 248, 231

Triad

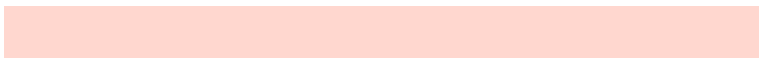
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 245, 204



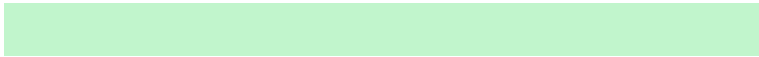
199, 235, 255



255, 215, 207

Complementary

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



193, 245, 204



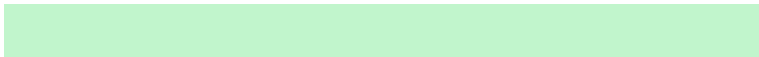
245, 193, 234

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, 213, 234



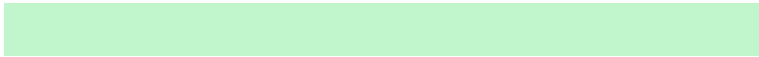
193, 245, 204



236, 226, 255

Square

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



193, 245, 204



168, 243, 255



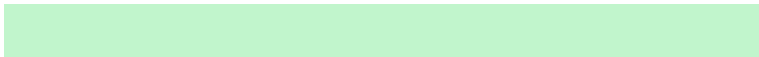
255, 217, 255



255, 221, 187

Rectangle

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



193, 245, 204



157, 248, 249



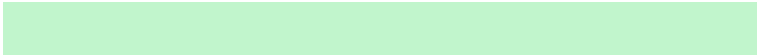
255, 217, 255



255, 214, 216

Sweetspot

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



193, 245, 204



240, 255, 243



235, 245, 193



119, 128, 120



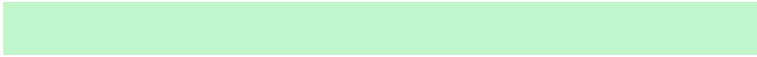
0, 0, 0



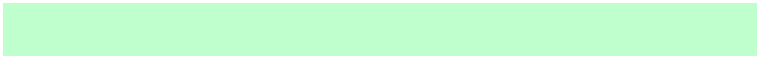
128, 128, 128

Same Dimension

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



193, 245, 204



191, 255, 205



193, 245, 229



110, 122, 113



0, 186, 39



0, 59, 12

Inverse Universe

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



245, 193, 234



255, 191, 242



245, 193, 209



122, 110, 120



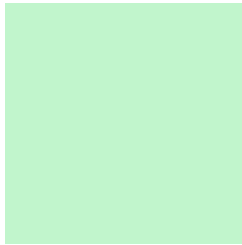
186, 0, 147



59, 0, 46

Previews

White Background



This preview shows how the RGB color 193, 245, 204 looks on a white background.

Color Contrast Check

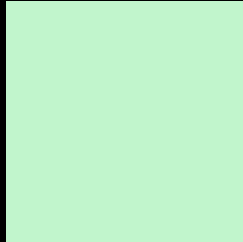
Large Text (above 18pt) WCAG AA × Fail

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 193, 245, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

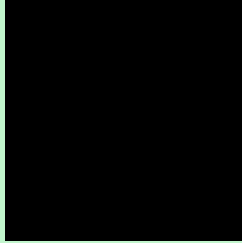
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

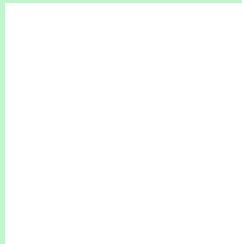
Any Text WCAG AAA ✓ Pass

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

RGB 193, 245, 204 Background



This preview shows how black text looks on a background with the RGB color 193, 245, 204.

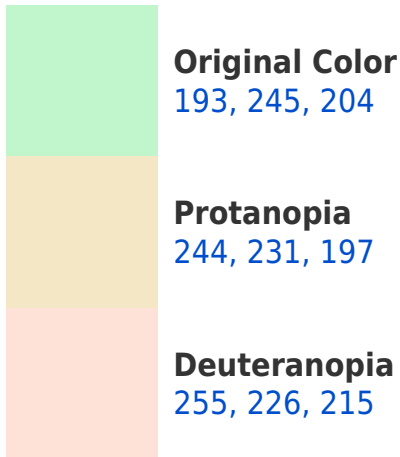


This preview shows how white text looks on a background with the RGB color 193, 245, 204.

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





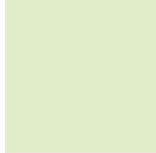
Tritanopia
205, 237, 255

Trichromacy



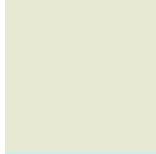
Original Color

193, 245, 204



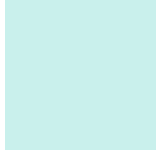
Protanomaly

225, 236, 200



Deuteranomaly

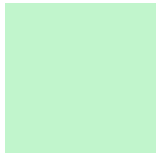
232, 233, 211



Tritanomaly

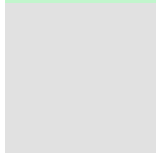
201, 240, 236

Monochromacy



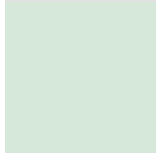
Original Color

193, 245, 204



Achromatopsia

225, 225, 225



Achromatomaly

213, 232, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 245, 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(193, 245, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 245, 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(193, 245, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 245, 204) }
```

Border

The CSS property to change the border of an element to RGB 193, 245, 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(193, 245, 204) }
```

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

```
.border{ border-color:rgb(193, 245, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 245, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 245, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 245, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 245,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 193, 245, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 245, 204) }
```

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

```
.background{ background-color: rgb(193,  
245, 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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