

Converting Colors

RGB(193, 242, 195)

Have a look what the booklet for
RGB(193, 242, 195) contains.

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Color

RGB(193, 242, 195)

Conversions

Conversions Part 1

Format	Color
Hex	C1F2C3
RGB	193, 242, 195
RGB Percent	76%, 95%, 76%
CMY	0.2431, 0.0510, 0.2353
CMYK	0.20, 0.00, 0.19, 0.05
HSL	122°, 65%, 85%
HSV	122°, 20%, 95%
XYZ	63.5948, 78.7818, 63.4844
YIQ	221.9910, -14.1170, -25.0050

Conversions

Conversions Part 2

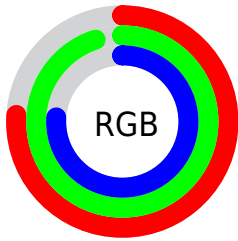
Format	Color
R_{YB}	193, 240, 242
Decimal	12710595
CIE Lab	91.14, -24.47, 17.63
CIE LCh	91, 30.164, 144.226
Yxy	78.7818, 0.3089, 0.3827
Android (android.graphics.Color)	4290900675 (0xFFC1F2C3)
YUV	221.9910, -13.3066, -25.4251
Hunter-Lab	88.7591, -27.4356, 19.7246

Details

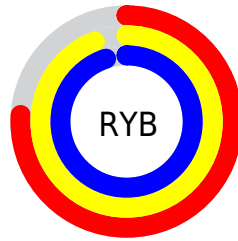
The RGB color **193, 242, 195** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **242, 193, 240**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **250, 255, 252**, and **139, 186, 141** is the 20% darker color. If you saturate the color by 10%, you get **169, 242, 172**, and if you desaturate by 10%, it is **217, 242, 218**.

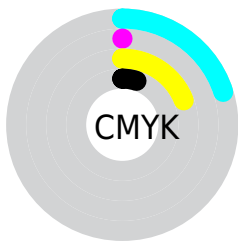
Distribution



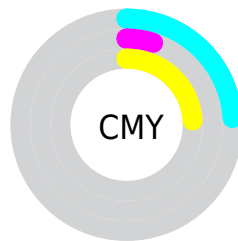
- Red (76%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (94%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 242, 195 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, 242, 195 by changing the saturation by 10% instead.

 193, 242, 195


255, 255, 255


 250, 255, 252

 193, 242, 195

 165, 214, 168

 139, 186, 141

 113, 159, 116

 87, 132, 91

 63, 107, 67

 39, 82, 45

 14, 59, 23

 0, 37, 0

 0, 8, 0

 193, 242, 195

 193, 242, 195

 169, 242, 172

 217, 242, 218

 145, 242, 149

 241, 242, 241

 120, 242, 125

 255, 242, 255

 96, 242, 102

 72, 242, 79

 48, 242, 56

 24, 242, 33

 0, 242, 10

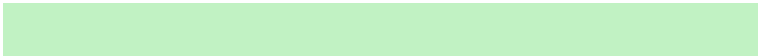
Harmonies

Analogous

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



226, 235, 176



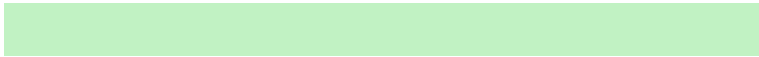
193, 242, 195



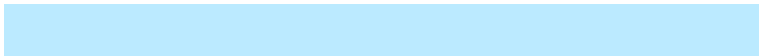
163, 246, 223

Triad

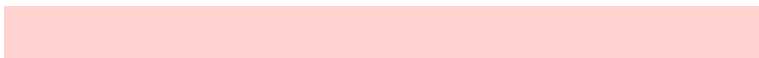
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 242, 195



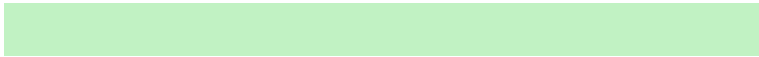
187, 234, 255



255, 210, 207

Complementary

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



193, 242, 195



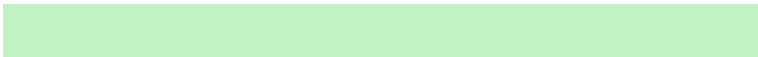
242, 193, 240

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, 209, 236



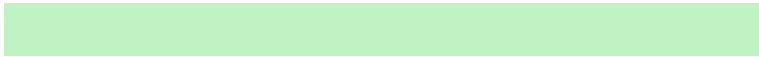
193, 242, 195



227, 224, 255

Square

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



193, 242, 195



155, 242, 255



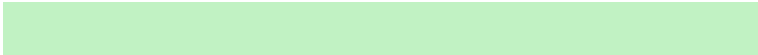
255, 215, 255



255, 216, 184

Rectangle

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



193, 242, 195



149, 246, 243



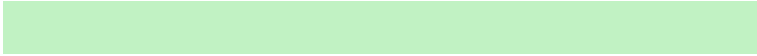
255, 215, 255



255, 209, 217

Sweetspot

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



193, 242, 195



240, 255, 240



240, 242, 193



119, 128, 119



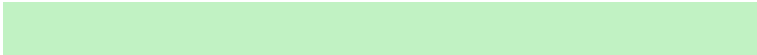
0, 0, 0



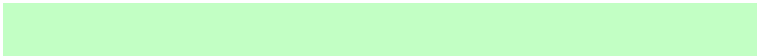
128, 128, 128

Same Dimension

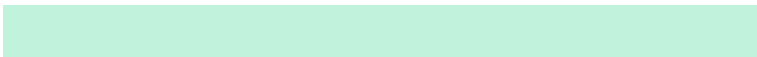
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 242, 195



194, 255, 196



193, 242, 219



108, 120, 108



0, 184, 7



0, 56, 2

Inverse Universe

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



242, 193, 240



255, 194, 253



242, 193, 216



120, 108, 119



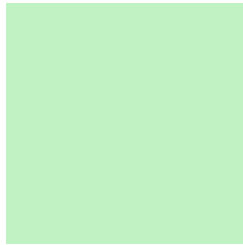
184, 0, 176



56, 0, 54

Previews

White Background



This preview shows how the RGB color 193, 242, 195 looks on a white background.

Color Contrast Check

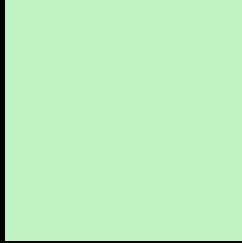
Large Text (above 18pt) WCAG AA × Fail

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, 242, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

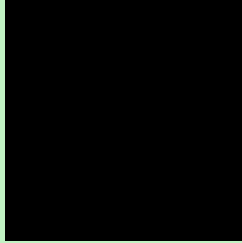
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

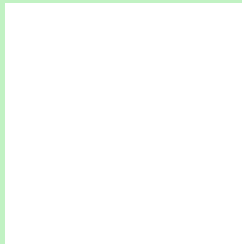
Any Text WCAG AAA ✓ Pass

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

RGB 193, 242, 195 Background



This preview shows how black text looks on a background with the RGB color 193, 242, 195.

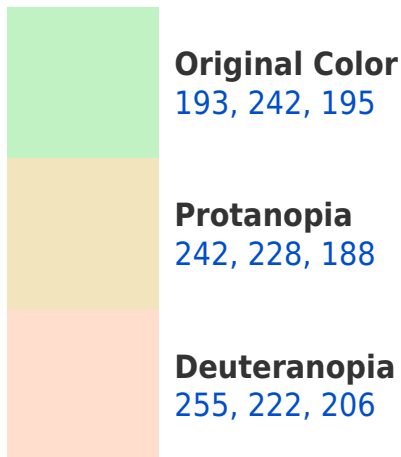


This preview shows how white text looks on a background with the RGB color 193, 242, 195.

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

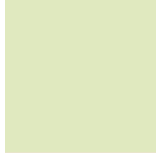
203, 234, 253

Trichromacy



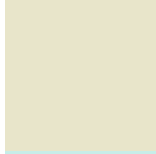
Original Color

193, 242, 195



Protanomaly

224, 233, 191



Deuteranomaly

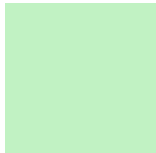
232, 229, 202



Tritanomaly

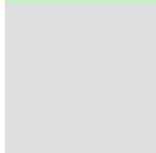
199, 237, 232

Monochromacy



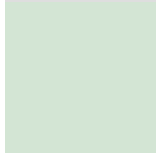
Original Color

193, 242, 195



Achromatopsia

222, 222, 222



Achromatomaly

211, 229, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 242, 195 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, 242, 195)` looks like.

```
.text, #text, p{  
    color:rgb(193, 242, 195)  
}
```

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, 242, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 242, 195) }
```

Border

The CSS property to change the border of an element to RGB 193, 242, 195 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, 242, 195) }
```

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

```
.border{ border-color:rgb(193, 242, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 242, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 242, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 242, 195); box-shadow:4px 4px 4px 4px rgb(193, 242, 195) }
```

Background

The CSS property to change the background color of an element to RGB 193, 242, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 242, 195) }
```

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

```
.background{ background-color: rgb(193,  
242, 195) }
```

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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