Converting Colors

RGB(194, 242, 207)

Have a look what the booklet for RGB(194, 242, 207) contains.

Color

RGB(194, 242, 207)

Conversions

Conversions Part 1

Format	Color
Hex	C2F2CF
RGB	194, 242, 207
RGB Percent	76%, 95%, 81%
CMY	0.2392, 0.0510, 0.1882
CMYK	0.20, 0.00, 0.14, 0.05
HSL	136°, 65%, 85%
HSV	136°, 20%, 95%
XYZ	65.2627, 79.4786, 70.9327
YIQ	223.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

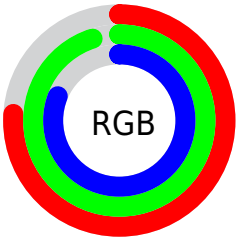
Format	Color
RYB	194, 232, 242
Decimal	12776143
CIELab	91.45, -22.04, 11.88
CIELCh	91, 25.038, 151.670
Yxy	79.4786, 0.3026, 0.3685
Android (android.graphics.Color)	4290966223 (0xFFC2F2CF)
YUV	223.6580, -8.2124, -26.0101
Hunter-Lab	89.1508, -25.3430, 15.2315

Details

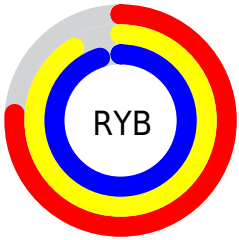
The RGB color 194, 242, 207 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 242, 194, 229, and the grayscale version is 224, 224, 224.

A 20% lighter version of the original color is 251, 255, 255, and 140, 186, 153 is the 20% darker color. If you saturate the color by 10%, you get 170, 242, 189, and if you desaturate by 10%, it is 218, 242, 225.

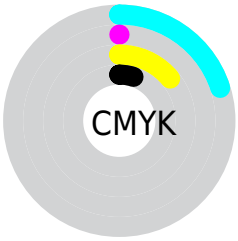
Distribution



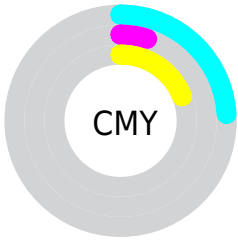
- Red (76%)
- Green (95%)
- Blue (81%)



- Red (76%)
- Yellow (91%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 242, 207 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 194, 242, 207 by changing the saturation by 10% instead.

194, 242, 207

255, 255, 255

251, 255, 255

194, 242, 207

166, 214, 179

140, 186, 153

114, 159, 127

88, 132, 102

64, 107, 78

40, 83, 55

16, 59, 33

0, 37, 11

0, 10, 0

194, 242, 207

170, 242, 189

146, 242, 172

121, 242, 154

97, 242, 136

73, 242, 119

49, 242, 101

25, 242, 83

0, 242, 66

0, 242, 66

194, 242, 207

218, 242, 225

242, 242, 242

255, 242, 255

Harmonies

Analogous

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

221, 237, 189

194, 242, 207

172, 244, 231

Triad

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

194, 242, 207

204, 232, 255

255, 215, 206

Complementary

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

194, 242, 207

242, 194, 229

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, 230

194, 242, 207

236, 224, 255

Square

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

194, 242, 207

177, 239, 255

255, 217, 254

255, 221, 189

Rectangle

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

194, 242, 207

165, 244, 247

255, 217, 254

255, 214, 214

Sweetspot

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

194, 242, 207

240, 255, 244

229, 242, 194

119, 128, 121

0, 0, 0

128, 128, 128

Same Dimension

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

194, 242, 207

194, 255, 210

194, 242, 231

108, 120, 111

0, 184, 50

0, 56, 15

Inverse Universe

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

242, 194, 229

255, 194, 238

242, 194, 205

120, 108, 117

184, 0, 134

56, 0, 41

Previews

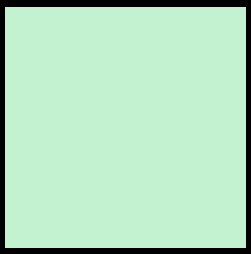
White Background

This preview shows how the RGB color 194, 242, 207 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



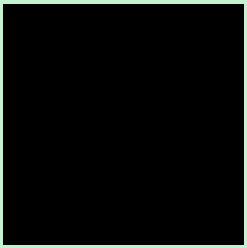
This preview shows how the RGB color 194, 242, 207 looks on a black background.

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 194, 242, 207 Background



This preview shows how black text looks on a background with the RGB color 194, 242, 207.

This preview shows how white text looks on a background with the RGB color 194, 242, 207.

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

Original Color
194, 242, 207

Protanopia
241, 229, 200

Deuteranopia
255, 223, 214

Tritanopia
202, 235, 254

Trichromacy

Original Color
194, 242, 207

Protanomaly
224, 234, 203

Deuteranomaly
233, 230, 211

Tritanomaly
199, 238, 237

Monochromacy

Original Color
194, 242, 207

Achromatopsia
224, 224, 224

Achromatomaly
213, 231, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 242, 207 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(194, 242, 207) looks like.

```
.text, #text, p{
    color:rgb(194, 242, 207)
}
```

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(194, 242, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 242, 207) }
```

Border

The CSS property to change the border of an element to RGB 194, 242, 207 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(194, 242, 207) }
```

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

```
.border{ border-color:rgb(194, 242, 207) }
```

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

Here you see how a box with a 4 pixel rgb(194, 242, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 242, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 242, 207); box-shadow:4px 4px 4px 4px rgb(194, 242, 207) }
```

Background

The CSS property to change the background color of an element to RGB 194, 242, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(194, 242, 207) }
```

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

```
.background{ background-color:rgb(194,
242, 207) }
```

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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