Converting Colors

RGB(192, 254, 230)

Have a look what the booklet for RGB(192, 254, 230) contains.

Color

RGB(192, 254, 230)

Conversions

Conversions Part 1

Format	Color
Hex	C0FEE6
RGB	192, 254, 230
RGB Percent	75%, 100%, 90%
CMY	0.2471, 0.0039, 0.0980
CMYK	0.24, 0.00, 0.09, 0.00
HSL	157°, 97%, 87%
HSV	157°, 24%, 100%
XYZ	71.4630, 87.8033, 88.0441
YIQ	232.7260, -29.2480, -20.6080

Conversions

Conversions Part 2

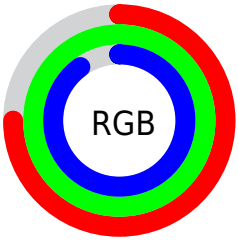
Format	Color
RYB	192, 230, 254
Decimal	12648166
CIELab	95.08, -24.13, 5.19
CIELCh	95, 24.678, 167.868
Yxy	87.8033, 0.2890, 0.3550
Android (android.graphics.Color)	4290838246 (0xFFC0FEE6)
YUV	232.7260, -1.3439, -35.7167
Hunter-Lab	93.7034, -27.8478, 9.8832

Details

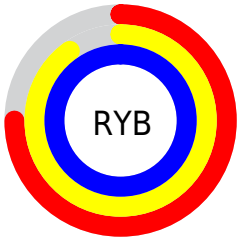
The RGB color 192, 254, 230 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 254, 192, 216, and the grayscale version is 233, 233, 233.

A 20% lighter version of the original color is 249, 255, 255, and 137, 197, 175 is the 20% darker color. If you saturate the color by 10%, you get 167, 254, 220, and if you desaturate by 10%, it is 217, 254, 240.

Distribution

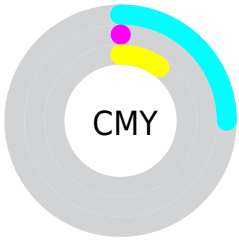


- Red (75%)
- Green (100%)
- Blue (90%)



- Red (75%)
- Yellow (90%)
- Blue (100%)

- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 192, 254, 230 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 192, 254, 230 by changing the saturation by 10% instead.

192, 254, 230

255, 255, 255

249, 255, 255

192, 254, 230

164, 225, 202

137, 197, 175

111, 170, 148

85, 143, 122

60, 117, 97

34, 92, 74

2, 68, 51

0, 46, 30

0, 27, 5

192, 254, 230

167, 254, 220

141, 254, 210

116, 254, 201

90, 254, 191

65, 254, 181

40, 254, 171

14, 254, 161

0, 254, 156

192, 254, 230

217, 254, 240

243, 254, 250

255, 254, 255

Harmonies

Analogous

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

217, 250, 208

192, 254, 230

177, 255, 255

Triad

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

192, 254, 230

232, 238, 255

255, 229, 206

Complementary

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

192, 254, 230

254, 192, 216

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, 224, 227

192, 254, 230

255, 230, 255

Square

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

192, 254, 230

201, 246, 255

255, 225, 252

255, 236, 195

Rectangle

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

192, 254, 230

177, 253, 255

255, 225, 252

255, 227, 213

Sweetspot

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

192, 254, 230

237, 255, 248

217, 254, 192

117, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

192, 254, 230

181, 255, 226

192, 248, 254

115, 128, 123

0, 191, 117

0, 64, 39

Inverse Universe

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

254, 192, 216

255, 181, 210

254, 198, 192

128, 115, 120

191, 0, 74

64, 0, 25

Previews

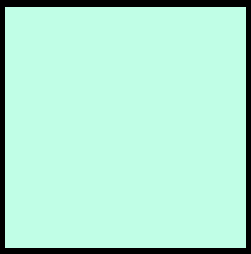
White Background

This preview shows how the RGB color 192, 254, 230 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



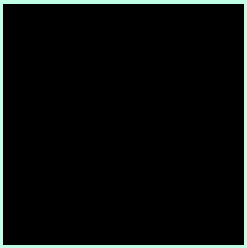
This preview shows how the RGB color 192, 254, 230 looks on a black background.

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 192, 254, 230 Background



This preview shows how black text looks on a background with the RGB color 192, 254, 230.

This preview shows how white text looks on a background with the RGB color 192, 254, 230.

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
192, 254, 230

Protanopia
249, 239, 222

Deuteranopia
255, 236, 237

Tritanopia
221, 244, 255

Trichromacy

Original Color
192, 254, 230

Protanomaly
228, 244, 225

Deuteranomaly
232, 243, 234

Tritanomaly
210, 248, 246

Monochromacy

Original Color
192, 254, 230

Achromatopsia
233, 233, 233

Achromatomaly
218, 241, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 192, 254, 230 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(192, 254, 230) looks like.

```
.text, #text, p{
    color:rgb(192, 254, 230)
}
```

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(192, 254, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 254, 230) }
```

Border

The CSS property to change the border of an element to RGB 192, 254, 230 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(192, 254, 230) }
```

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

```
.border{ border-color:rgb(192, 254, 230) }
```

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

Here you see how a box with a 4 pixel rgb(192, 254, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 254, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 254, 230); box-shadow:4px 4px 4px 4px rgb(192, 254, 230) }
```

Background

The CSS property to change the background color of an element to RGB 192, 254, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(192, 254, 230) }
```

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

```
.background{ background-color:rgb(192,
254, 230) }
```

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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