Converting Colors

RGB(195, 230, 220)

Have a look what the booklet for RGB(195, 230, 220) contains.

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Color

RGB(195, 230, 220)

Conversions

Conversions Part 1

Format	Color
Hex	C3E6DC
RGB	195, 230, 220
RGB Percent	76%, 90%, 86%
CMY	0.2353, 0.0980, 0.1373
CMYK	0.15, 0.00, 0.04, 0.10
HSL	163°, 41%, 83%
HSV	163°, 15%, 90%
XYZ	63.7208, 73.3630, 78.5122
YIQ	218.3950, -17.6500, -10.5300

Conversions

Conversions Part 2

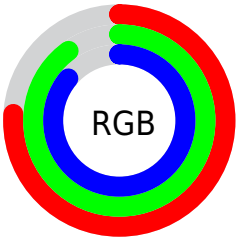
Format	Color
RYB	195, 215, 230
Decimal	12838620
CIELab	88.62, -13.34, 1.04
CIELCh	89, 13.384, 175.563
Yxy	73.3630, 0.2956, 0.3403
Android (android.graphics.Color)	4291028700 (0xFFC3E6DC)
YUV	218.3950, 0.7913, -20.5174
Hunter-Lab	85.6522, -17.0968, 5.6090

Details

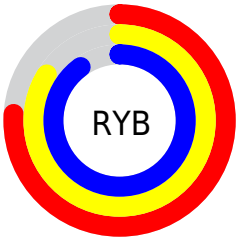
The RGB color 195, 230, 220 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 230, 195, 205, and the grayscale version is 218, 218, 218.

A 20% lighter version of the original color is 252, 255, 255, and 141, 174, 165 is the 20% darker color. If you saturate the color by 10%, you get 172, 230, 213, and if you desaturate by 10%, it is 218, 230, 227.

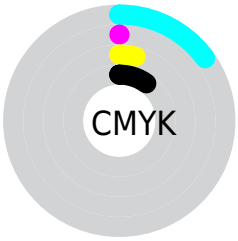
Distribution



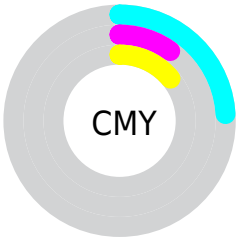
- Red (76%)
- Green (90%)
- Blue (86%)



- Red (76%)
- Yellow (84%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 195, 230, 220 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 195, 230, 220 by changing the saturation by 10% instead.

195, 230, 220

255, 255, 255

252, 255, 255

195, 230, 220

168, 202, 192

141, 174, 165

115, 148, 139

90, 122, 113

66, 97, 89

43, 73, 66

21, 51, 44

0, 30, 23

0, 0, 0

195, 230, 220

172, 230, 213

149, 230, 207

126, 230, 200

103, 230, 194

80, 230, 187

57, 230, 181

34, 230, 174

11, 230, 167

0, 230, 164

195, 230, 220

218, 230, 227

241, 230, 233

255, 230, 240

255, 230, 246

255, 230, 253

255, 230, 255

Harmonies

Analogous

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

206, 228, 208

195, 230, 220

190, 230, 233

Triad

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

195, 230, 220

223, 220, 245

246, 217, 202

Complementary

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

195, 230, 220

230, 195, 205

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.

250, 214, 212

195, 230, 220

238, 216, 237

Square

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

195, 230, 220

207, 224, 248

247, 214, 225

235, 221, 197

Rectangle

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

195, 230, 220

192, 229, 240

247, 214, 225

248, 216, 205

Sweetspot

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

195, 230, 220

242, 255, 251

205, 230, 195

120, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

195, 230, 220

209, 255, 242

195, 223, 230

103, 115, 111

0, 179, 128

0, 51, 36

Inverse Universe

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

230, 195, 205

255, 209, 222

230, 202, 195

115, 103, 107

179, 0, 51

51, 0, 15

Previews

White Background

This preview shows how the RGB color 195, 230, 220 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 195, 230, 220 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 195, 230, 220 Background

This preview shows how black text looks on a background with the RGB color 195, 230, 220.

This preview shows how white text looks on a background with the RGB color 195, 230, 220.

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
195, 230, 220

Protanopia
228, 221, 215

Deuteranopia
243, 215, 223

Tritanopia
199, 226, 244

Trichromacy

Original Color
195, 230, 220

Protanomaly
216, 224, 217

Deuteranomaly
226, 220, 222

Tritanomaly
198, 227, 235

Monochromacy

Original Color
195, 230, 220

Achromatopsia
218, 218, 218

Achromatomaly
210, 222, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 195, 230, 220 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(195, 230, 220) looks like.

```
.text, #text, p{
    color:rgb(195, 230, 220)
}
```

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(195, 230, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 230, 220) }
```

Border

The CSS property to change the border of an element to RGB 195, 230, 220 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(195, 230, 220) }
```

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

```
.border{ border-color:rgb(195, 230, 220) }
```

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

Here you see how a box with a 4 pixel rgb(195, 230, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 230, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 230, 220); box-shadow:4px 4px 4px 4px rgb(195, 230, 220) }
```

Background

The CSS property to change the background color of an element to RGB 195, 230, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(195, 230, 220) }
```

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

```
.background{ background-color:rgb(195,
230, 220) }
```

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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