Converting Colors

RGB(190, 250, 235)

Have a look what the booklet for RGB(190, 250, 235) contains.

Color

RGB(190, 250, 235)

Conversions

Conversions Part 1

Format	Color
Hex	BEFAEB
RGB	190, 250, 235
RGB Percent	75%, 98%, 92%
CMY	0.2549, 0.0196, 0.0784
CMYK	0.24, 0.00, 0.06, 0.02
HSL	165°, 86%, 86%
HSV	165°, 24%, 98%
XYZ	70.4162, 85.3165, 91.3537
YIQ	230.3500, -30.9450, -17.3850

Conversions

Conversions Part 2

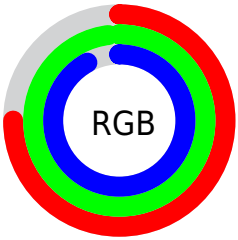
Format	Color
RYB	190, 224, 250
Decimal	12516075
CIELab	94.02, -21.79, 1.06
CIELCh	94, 21.820, 177.228
Yxy	85.3165, 0.2850, 0.3453
Android (android.graphics.Color)	4290706155 (0xFFBEFAEB)
YUV	230.3500, 2.2925, -35.3869
Hunter-Lab	92.3669, -25.5622, 6.0173

Details

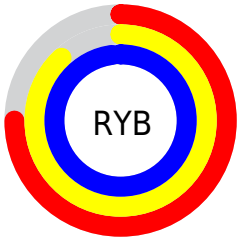
The RGB color 190, 250, 235 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 250, 190, 205, and the grayscale version is 230, 230, 230.

A 20% lighter version of the original color is 247, 255, 255, and 135, 193, 179 is the 20% darker color. If you saturate the color by 10%, you get 165, 250, 229, and if you desaturate by 10%, it is 215, 250, 241.

Distribution

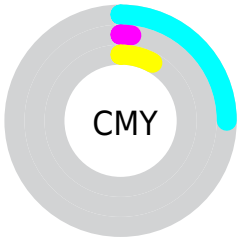


- Red (75%)
- Green (98%)
- Blue (92%)



- Red (75%)
- Yellow (88%)
- Blue (98%)

- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (25%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 250, 235 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 190, 250, 235 by changing the saturation by 10% instead.

190, 250, 235

255, 255, 255

247, 255, 255

190, 250, 235

162, 221, 207

135, 193, 179

109, 166, 153

83, 140, 127

58, 114, 102

32, 89, 78

0, 65, 55

0, 43, 34

0, 23, 11

190, 250, 235

165, 250, 229

140, 250, 223

115, 250, 216

90, 250, 210

65, 250, 204

40, 250, 198

15, 250, 191

0, 250, 187

190, 250, 235

215, 250, 241

240, 250, 248

255, 250, 254

255, 250, 255

Harmonies

Analogous

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

210, 247, 214

190, 250, 235

182, 250, 255

Triad

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

190, 250, 235

239, 233, 255

255, 229, 203

Complementary

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

190, 250, 235

250, 190, 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.

255, 224, 219

190, 250, 235

255, 227, 255

Square

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

190, 250, 235

212, 240, 255

255, 223, 241

255, 236, 196

Rectangle

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

190, 250, 235

185, 248, 255

255, 223, 241

255, 227, 208

Sweetspot

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

190, 250, 235

237, 255, 251

205, 250, 190

117, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

190, 250, 235

181, 255, 237

190, 235, 250

112, 125, 122

0, 189, 142

0, 61, 46

Inverse Universe

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

250, 190, 205

255, 181, 200

250, 205, 190

125, 112, 116

189, 0, 47

61, 0, 15

Previews

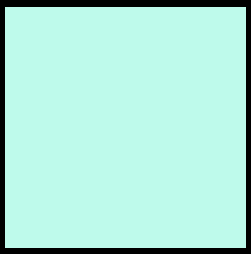
White Background

This preview shows how the RGB color 190, 250, 235 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



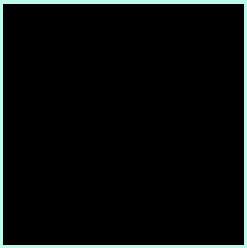
This preview shows how the RGB color 190, 250, 235 looks on a black background.

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 190, 250, 235 Background



This preview shows how black text looks on a background with the RGB color 190, 250, 235.

This preview shows how white text looks on a background with the RGB color 190, 250, 235.

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
190, 250, 235

Protanopia
244, 236, 227

Deuteranopia
255, 231, 239

Tritanopia
213, 242, 255

Trichromacy

Original Color
190, 250, 235

Protanomaly
224, 241, 230

Deuteranomaly
231, 238, 238

Tritanomaly
205, 245, 248

Monochromacy

Original Color
190, 250, 235

Achromatopsia
230, 230, 230

Achromatomaly
215, 237, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 250, 235 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(190, 250, 235) looks like.

```
.text, #text, p{
    color:rgb(190, 250, 235)
}
```

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(190, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 250, 235) }
```

Border

The CSS property to change the border of an element to RGB 190, 250, 235 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(190, 250, 235) }
```

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

```
.border{ border-color:rgb(190, 250, 235) }
```

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

Here you see how a box with a 4 pixel rgb(190, 250, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 250, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 250, 235); box-shadow:4px 4px 4px 4px rgb(190, 250, 235) }
```

Background

The CSS property to change the background color of an element to RGB 190, 250, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(190, 250, 235) }
```

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

```
.background{ background-color:rgb(190,
250, 235) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor