Converting Colors

RGB(190, 244, 242)

Have a look what the booklet for RGB(190, 244, 242) contains.

Color

RGB(190, 244, 242)

Conversions

Conversions Part 1

Format	Color
Hex	BEF4F2
RGB	190, 244, 242
RGB Percent	75%, 96%, 95%
CMY	0.2549, 0.0431, 0.0510
CMYK	0.22, 0.00, 0.01, 0.04
HSL	178°, 71%, 85%
HSV	178°, 22%, 96%
XYZ	69.6129, 82.0593, 96.1744
YIQ	227.6260, -31.5420, -12.0700

Conversions

Conversions Part 2

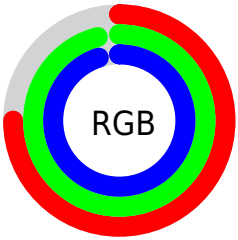
Format	Color
RYB	190, 218, 244
Decimal	12514546
CIELab	92.60, -17.41, -4.65
CIELCh	93, 18.019, 194.960
Yxy	82.0593, 0.2809, 0.3311
Android (android.graphics.Color)	4290704626 (0xFFBEF4F2)
YUV	227.6260, 7.0864, -32.9980
Hunter-Lab	90.5866, -21.3550, 0.4633

Details

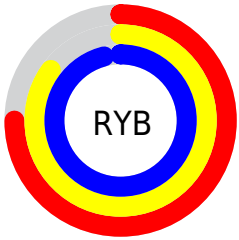
The RGB color 190, 244, 242 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 244, 190, 192, and the grayscale version is 228, 228, 228.

A 20% lighter version of the original color is 247, 255, 255, and 135, 188, 186 is the 20% darker color. If you saturate the color by 10%, you get 166, 244, 241, and if you desaturate by 10%, it is 214, 244, 243.

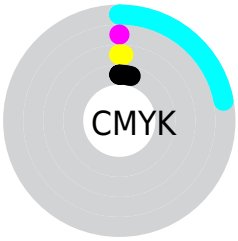
Distribution



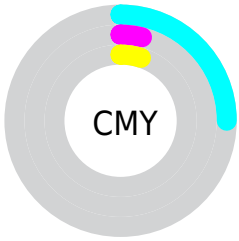
- Red (75%)
- Green (96%)
- Blue (95%)



- Red (75%)
- Yellow (85%)
- Blue (96%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (25%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 244, 242 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, 244, 242 by changing the saturation by 10% instead.

190, 244, 242

255, 255, 255

247, 255, 255

190, 244, 242

162, 216, 214

135, 188, 186

109, 161, 159

83, 134, 133

58, 109, 108

32, 84, 83

1, 61, 60

0, 39, 39

0, 17, 18

190, 244, 242

166, 244, 241

141, 244, 240

117, 244, 239

92, 244, 238

68, 244, 237

44, 244, 237

19, 244, 236

0, 244, 235

190, 244, 242

214, 244, 243

239, 244, 244

255, 244, 245

255, 244, 246

255, 244, 247

255, 244, 247

255, 244, 248

255, 244, 249

255, 244, 250

Harmonies

Analogous

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

201, 243, 224

190, 244, 242

191, 242, 255

Triad

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

190, 244, 242

248, 227, 255

255, 230, 201

Complementary

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

190, 244, 242

244, 190, 192

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, 225, 210

190, 244, 242

255, 223, 243

Square

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

190, 244, 242

226, 232, 255

255, 222, 226

238, 235, 200

Rectangle

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

190, 244, 242

199, 240, 255

255, 222, 226

255, 228, 203

Sweetspot

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

190, 244, 242

237, 255, 254

193, 244, 190

117, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

190, 244, 242

186, 255, 252

190, 220, 244

110, 122, 122

0, 186, 179

0, 59, 56

Inverse Universe

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

244, 190, 192

255, 186, 189

244, 214, 190

122, 110, 111

186, 0, 7

59, 0, 2

Previews

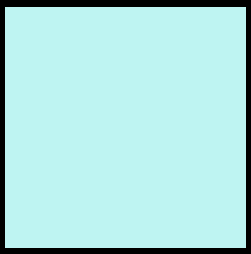
White Background

This preview shows how the RGB color 190, 244, 242 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



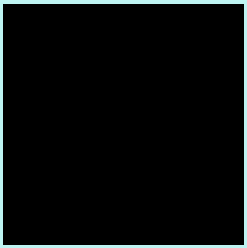
This preview shows how the RGB color 190, 244, 242 looks on a black background.

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, 244, 242 Background



This preview shows how black text looks on a background with the RGB color 190, 244, 242.

This preview shows how white text looks on a background with the RGB color 190, 244, 242.

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, 244, 242

Protanopia
237, 232, 235

Deuteranopia
250, 226, 246

Tritanopia
203, 240, 255

Trichromacy

Original Color
190, 244, 242

Protanomaly
220, 236, 238

Deuteranomaly
228, 233, 245

Tritanomaly
198, 241, 250

Monochromacy

Original Color
190, 244, 242

Achromatopsia
228, 228, 228

Achromatomaly
214, 234, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 244, 242 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, 244, 242) looks like.

```
.text, #text, p{
    color:rgb(190, 244, 242)
}
```

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, 244, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 244, 242) }
```

Border

The CSS property to change the border of an element to RGB 190, 244, 242 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, 244, 242) }
```

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

```
.border{ border-color:rgb(190, 244, 242) }
```

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

Here you see how a box with a 4 pixel rgb(190, 244, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 244, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 244, 242); box-shadow:4px 4px 4px 4px rgb(190, 244, 242) }
```

Background

The CSS property to change the background color of an element to RGB 190, 244, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(190, 244, 242) }
```

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

```
.background{ background-color:rgb(190,
244, 242) }
```

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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