Converting Colors

RGB(189, 226, 212)

Have a look what the booklet for RGB(189, 226, 212) contains.

Color

RGB(189, 226, 212)

Conversions

Conversions Part 1

Format	Color
Hex	BDE2D4
RGB	189, 226, 212
RGB Percent	74%, 89%, 83%
CMY	0.2588, 0.1137, 0.1686
CMYK	0.16, 0.00, 0.06, 0.11
HSL	157°, 39%, 81%
HSV	157°, 16%, 89%
XYZ	60.0663, 69.9650, 72.6261
YIQ	213.3410, -17.5580, -12.1980

Conversions

Conversions Part 2

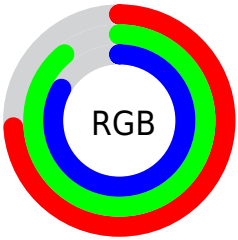
Format	Color
RYB	189, 212, 226
Decimal	12444372
CIELab	86.98, -14.80, 2.81
CIELCh	87, 15.066, 169.269
Yxy	69.9650, 0.2964, 0.3452
Android (android.graphics.Color)	4290634452 (0xFFBDE2D4)
YUV	213.3410, -0.6611, -21.3471
Hunter-Lab	83.6451, -18.1964, 7.0721

Details

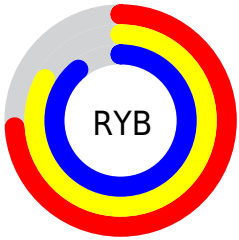
The RGB color 189, 226, 212 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 226, 189, 203, and the grayscale version is 213, 213, 213.

A 20% lighter version of the original color is 246, 255, 255, and 135, 171, 157 is the 20% darker color. If you saturate the color by 10%, you get 166, 226, 203, and if you desaturate by 10%, it is 212, 226, 221.

Distribution

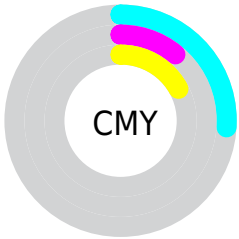


- Red (74%)
- Green (89%)
- Blue (83%)



- Red (74%)
- Yellow (83%)
- Blue (89%)

- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (26%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 226, 212 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 189, 226, 212 by changing the saturation by 10% instead.

189, 226, 212

255, 255, 255

246, 255, 255

189, 226, 212

162, 198, 184

135, 171, 157

110, 144, 131

85, 118, 106

61, 94, 82

38, 70, 59

15, 47, 37

0, 27, 17

0, 0, 0

189, 226, 212

166, 226, 203

144, 226, 195

121, 226, 186

99, 226, 178

76, 226, 169

53, 226, 161

31, 226, 152

8, 226, 144

0, 226, 140

189, 226, 212

212, 226, 221

234, 226, 229

255, 226, 238

255, 226, 246

255, 226, 255

255, 226, 255

Harmonies

Analogous

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

203, 224, 199

189, 226, 212

182, 226, 227

Triad

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

189, 226, 212

214, 216, 245

245, 211, 197

Complementary

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

189, 226, 212

226, 189, 203

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.

249, 208, 209

189, 226, 212

232, 211, 237

Square

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

189, 226, 212

197, 221, 246

244, 209, 224

235, 215, 190

Rectangle

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

189, 226, 212

182, 225, 235

244, 209, 224

247, 210, 200

Sweetspot

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

189, 226, 212

242, 255, 250

203, 226, 189

120, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

189, 226, 212

204, 255, 236

189, 222, 226

101, 112, 108

0, 176, 109

0, 48, 30

Inverse Universe

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

226, 189, 203

255, 204, 223

226, 193, 189

112, 101, 105

176, 0, 67

48, 0, 18

Previews

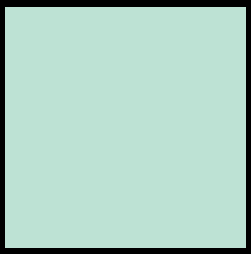
White Background

This preview shows how the RGB color 189, 226, 212 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



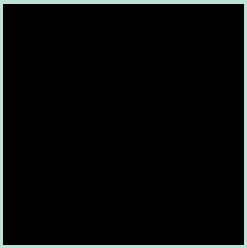
This preview shows how the RGB color 189, 226, 212 looks on a black background.

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 189, 226, 212 Background



This preview shows how black text looks on a background with the RGB color 189, 226, 212.

This preview shows how white text looks on a background with the RGB color 189, 226, 212.

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
189, 226, 212

Protanopia
224, 216, 207

Deuteranopia
239, 210, 215

Tritanopia
194, 222, 240

Trichromacy

Original Color
189, 226, 212

Protanomaly
211, 220, 209

Deuteranomaly
221, 216, 214

Tritanomaly
192, 223, 230

Monochromacy

Original Color
189, 226, 212

Achromatopsia
213, 213, 213

Achromatomaly
204, 218, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 226, 212 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(189, 226, 212) looks like.

```
.text, #text, p{
    color:rgb(189, 226, 212)
}
```

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(189, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 226, 212) }
```

Border

The CSS property to change the border of an element to RGB 189, 226, 212 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(189, 226, 212) }
```

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

```
.border{ border-color:rgb(189, 226, 212) }
```

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

Here you see how a box with a 4 pixel rgb(189, 226, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 226, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 226, 212); box-shadow:4px 4px 4px 4px rgb(189, 226, 212) }
```

Background

The CSS property to change the background color of an element to RGB 189, 226, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(189, 226, 212) }
```

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

```
.background{ background-color:rgb(189,
226, 212) }
```

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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