Converting Colors

RGB(189, 234, 221)

Have a look what the booklet for RGB(189, 234, 221) contains.

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Color

RGB(189, 234, 221)

Conversions

Conversions Part 1

Format	Color
Hex	BDEADD
RGB	189, 234, 221
RGB Percent	74%, 92%, 87%
CMY	0.2588, 0.0824, 0.1333
CMYK	0.19, 0.00, 0.06, 0.08
HSL	163°, 52%, 83%
HSV	163°, 19%, 92%
XYZ	63.4602, 74.8849, 79.5161
YIQ	219.0630, -22.6470, -13.5830

Conversions

Conversions Part 2

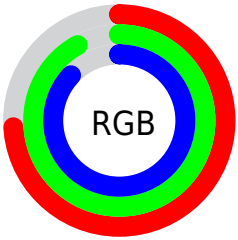
Format	Color
RYB	189, 215, 234
Decimal	12446429
CIELab	89.34, -17.04, 1.51
CIELCh	89, 17.105, 174.925
Yxy	74.8849, 0.2913, 0.3437
Android (android.graphics.Color)	4290636509 (0xFFBDEADD)
YUV	219.0630, 0.9549, -26.3653
Hunter-Lab	86.5361, -20.5372, 6.0949

Details

The RGB color 189, 234, 221 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 234, 189, 202, and the grayscale version is 219, 219, 219.

A 20% lighter version of the original color is 246, 255, 255, and 135, 178, 166 is the 20% darker color. If you saturate the color by 10%, you get 166, 234, 214, and if you desaturate by 10%, it is 212, 234, 228.

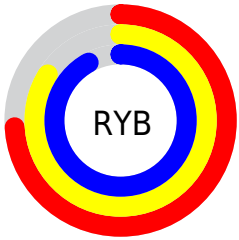
Distribution



Red (74%)

Green (92%)

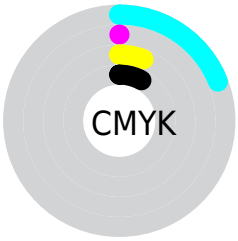
Blue (87%)



Red (74%)

Yellow (84%)

Blue (92%)

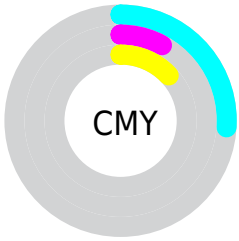


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (8%)



Cyan (26%)

Magenta (8%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 234, 221 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, 234, 221 by changing the saturation by 10% instead.

189, 234, 221

255, 255, 255

246, 255, 255

189, 234, 221

162, 206, 193

135, 178, 166

109, 151, 140

84, 125, 114

60, 100, 90

36, 76, 66

11, 53, 44

0, 32, 24

0, 0, 0

189, 234, 221	189, 234, 221
166, 234, 214	212, 234, 228
142, 234, 207	236, 234, 235
119, 234, 201	255, 234, 241
95, 234, 194	255, 234, 248
72, 234, 187	255, 234, 255
49, 234, 180	255, 234, 255
25, 234, 174	
2, 234, 167	
0, 234, 166	

Harmonies

Analogous

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

204, 232, 205

189, 234, 221

182, 234, 238

Triad

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

189, 234, 221

224, 221, 254

254, 217, 198

Complementary

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

189, 234, 221

234, 189, 202

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, 214, 211

189, 234, 221

243, 216, 243

Square

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

189, 234, 221

203, 227, 255

255, 214, 228

241, 222, 192

Rectangle

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

189, 234, 221

185, 232, 247

255, 214, 228

255, 216, 202

Sweetspot

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

189, 234, 221

240, 255, 251

203, 234, 189

119, 128, 125

0, 0, 0

128, 128, 128

Same Dimension

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

189, 234, 221

196, 255, 238

189, 225, 234

106, 117, 114

0, 181, 129

0, 54, 38

Inverse Universe

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

234, 189, 202

255, 196, 213

234, 198, 189

117, 106, 109

181, 0, 52

54, 0, 15

Previews

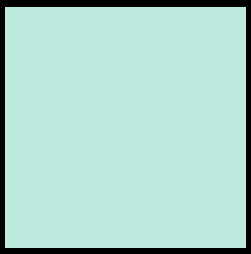
White Background

This preview shows how the RGB color 189, 234, 221 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



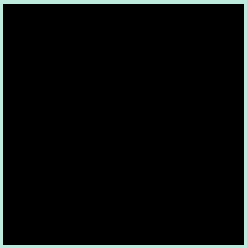
This preview shows how the RGB color 189, 234, 221 looks on a black background.

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, 234, 221 Background



This preview shows how black text looks on a background with the RGB color 189, 234, 221.

This preview shows how white text looks on a background with the RGB color 189, 234, 221.

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, 234, 221

Protanopia
230, 223, 215

Deuteranopia
245, 217, 225

Tritanopia
194, 230, 248

Trichromacy

Original Color
189, 234, 221

Protanomaly
215, 227, 217

Deuteranomaly
225, 223, 224

Tritanomaly
192, 231, 238

Monochromacy

Original Color
189, 234, 221

Achromatopsia
219, 219, 219

Achromatomaly
208, 224, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 234, 221 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, 234, 221) looks like.

```
.text, #text, p{
    color:rgb(189, 234, 221)
}
```

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, 234, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 234, 221) }
```

Border

The CSS property to change the border of an element to RGB 189, 234, 221 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, 234, 221) }
```

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

```
.border{ border-color:rgb(189, 234, 221) }
```

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

Here you see how a box with a 4 pixel rgb(189, 234, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 234, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 234, 221); box-shadow:4px 4px 4px 4px rgb(189, 234, 221) }
```

Background

The CSS property to change the background color of an element to RGB 189, 234, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(189, 234, 221) }
```

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

```
.background{ background-color:rgb(189,
234, 221) }
```

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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