Converting Colors

RGB(180, 244, 201)

Have a look what the booklet for RGB(180, 244, 201) contains.

Color

RGB(180, 244, 201)

Conversions

Conversions Part 1

Format	Color
Hex	B4F4C9
RGB	180, 244, 201
RGB Percent	71%, 96%, 79%
CMY	0.2941, 0.0431, 0.2118
CMYK	0.26, 0.00, 0.18, 0.04
HSL	140°, 74%, 83%
HSV	140°, 26%, 96%
XYZ	61.7157, 78.6217, 67.1811
YIQ	219.9620, -24.3410, -26.9410

Conversions

Conversions Part 2

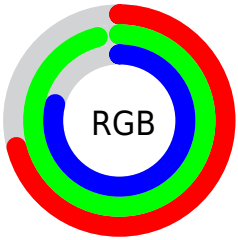
Format	Color
RYB	180, 228, 244
Decimal	11859145
CIELab	91.06, -28.51, 14.33
CIELCh	91, 31.907, 153.321
Yxy	78.6217, 0.2974, 0.3789
Android (android.graphics.Color)	4290049225 (0xFFB4F4C9)
YUV	219.9620, -9.3483, -35.0467
Hunter-Lab	88.6689, -30.9302, 17.1464

Details

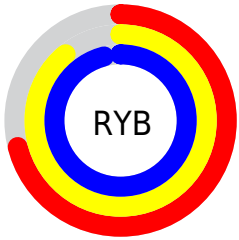
The RGB color 180, 244, 201 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 244, 180, 223, and the grayscale version is 220, 220, 220.

A 20% lighter version of the original color is 237, 255, 255, and 126, 188, 147 is the 20% darker color. If you saturate the color by 10%, you get 156, 244, 185, and if you desaturate by 10%, it is 204, 244, 217.

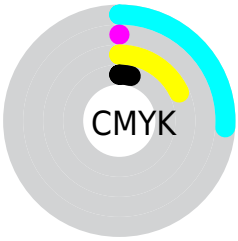
Distribution



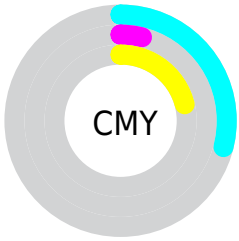
- Red (71%)
- Green (96%)
- Blue (79%)



- Red (71%)
- Yellow (89%)
- Blue (96%)



- Cyan (26%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (29%)
- Magenta (4%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 244, 201 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 180, 244, 201 by changing the saturation by 10% instead.

180, 244, 201

255, 255, 255

237, 255, 255

180, 244, 201

153, 215, 174

126, 188, 147

100, 160, 121

74, 134, 96

48, 108, 72

21, 84, 50

0, 60, 28

0, 38, 4

0, 7, 0

180, 244, 201

156, 244, 185

131, 244, 168

107, 244, 152

82, 244, 135

58, 244, 119

34, 244, 103

9, 244, 86

0, 244, 80

180, 244, 201

204, 244, 217

229, 244, 234

253, 244, 250

255, 244, 255

Harmonies

Analogous

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

215, 238, 178

180, 244, 201

150, 247, 232

Triad

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

180, 244, 201

196, 231, 255

255, 210, 197

Complementary

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

180, 244, 201

244, 180, 223

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, 207, 227

180, 244, 201

239, 220, 255

Square

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

180, 244, 201

157, 240, 255

255, 211, 255

255, 218, 176

Rectangle

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

180, 244, 201

139, 246, 252

255, 211, 255

255, 208, 207

Sweetspot

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

180, 244, 201

235, 255, 241

224, 244, 180

115, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

180, 244, 201

176, 255, 202

180, 244, 232

110, 122, 114

0, 186, 61

0, 59, 19

Inverse Universe

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

244, 180, 223

255, 176, 229

244, 180, 192

122, 110, 118

186, 0, 125

59, 0, 39

Previews

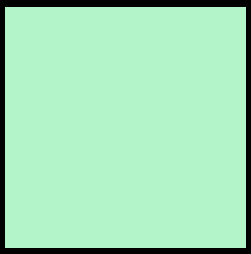
White Background

This preview shows how the RGB color 180, 244, 201 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



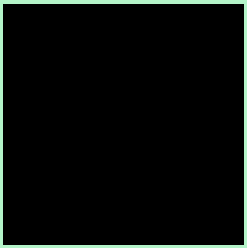
This preview shows how the RGB color 180, 244, 201 looks on a black background.

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 180, 244, 201 Background



This preview shows how black text looks on a background with the RGB color 180, 244, 201.

This preview shows how white text looks on a background with the RGB color 180, 244, 201.

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
180, 244, 201

Protanopia
241, 228, 193

Deuteranopia
255, 222, 209

Tritanopia
191, 236, 255

Trichromacy

Original Color
180, 244, 201

Protanomaly
219, 234, 196

Deuteranomaly
228, 230, 206

Tritanomaly
187, 239, 235

Monochromacy

Original Color
180, 244, 201

Achromatopsia
220, 220, 220

Achromatomaly
205, 229, 213

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 244, 201 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(180, 244, 201) looks like.

```
.text, #text, p{
    color:rgb(180, 244, 201)
}
```

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(180, 244, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 244, 201) }
```

Border

The CSS property to change the border of an element to RGB 180, 244, 201 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(180, 244, 201) }
```

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

```
.border{ border-color:rgb(180, 244, 201) }
```

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

Here you see how a box with a 4 pixel rgb(180, 244, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 244, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 244, 201); box-shadow:4px 4px 4px 4px rgb(180, 244, 201) }
```

Background

The CSS property to change the background color of an element to RGB 180, 244, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(180, 244, 201) }
```

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

```
.background{ background-color:rgb(180,
244, 201) }
```

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