Converting Colors

RGB(107, 224, 180)

Have a look what the booklet for RGB(107, 224, 180) contains.

Color

RGB(107, 224, 180)

Conversions

Conversions Part 1

Format	Color
Hex	6BE0B4
RGB	107, 224, 180
RGB Percent	42%, 88%, 71%
CMY	0.5804, 0.1216, 0.2941
CMYK	0.52, 0.00, 0.20, 0.12
HSL	157°, 65%, 65%
HSV	157°, 52%, 88%
XYZ	40.9573, 59.7324, 52.5508
YIQ	184.0010, -55.6080, -38.4880

Conversions

Conversions Part 2

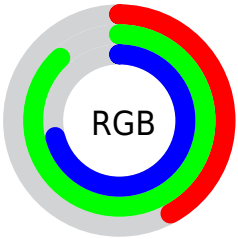
Format	Color
RYB	107, 179, 224
Decimal	7069876
CIELab	81.69, -43.43, 11.55
CIELCh	82, 44.939, 165.101
Yxy	59.7324, 0.2673, 0.3898
Android (android.graphics.Color)	4285259956 (0xFF6BE0B4)
YUV	184.0010, -1.9725, -67.5299
Hunter-Lab	77.2867, -40.6576, 13.7867

Details

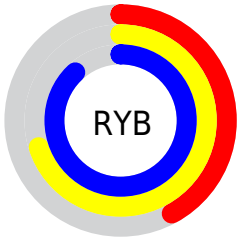
The RGB color 107, 224, 180 is a light color, and the websafe version is hex 66CC99. A complement of this color would be 224, 107, 151, and the grayscale version is 184, 184, 184.

A 20% lighter version of the original color is 165, 255, 236, and 43, 168, 127 is the 20% darker color. If you saturate the color by 10%, you get 85, 224, 172, and if you desaturate by 10%, it is 129, 224, 188.

Distribution

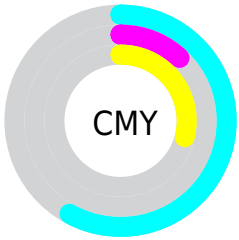


- Red (42%)
- Green (88%)
- Blue (71%)



- Red (42%)
- Yellow (70%)
- Blue (88%)

- Cyan (52%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (58%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 224, 180 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 107, 224, 180 by changing the saturation by 10% instead.

107, 224, 180

255, 255, 255

165, 255, 236

195, 255, 255

224, 255, 255

254, 255, 255

107, 224, 180

77, 196, 153

43, 168, 127

0, 141, 102

0, 115, 78

0, 89, 55

0, 65, 34

0, 43, 12

0, 12, 0

0, 0, 0

107, 224, 180

85, 224, 172

62, 224, 163

40, 224, 155

17, 224, 146

0, 224, 140

107, 224, 180

129, 224, 188

152, 224, 197

174, 224, 205

197, 224, 214

219, 224, 222

241, 224, 231

255, 224, 239

255, 224, 247

255, 224, 255

Harmonies

Analogous

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

162, 218, 142

107, 224, 180

30, 225, 224

Triad

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

107, 224, 180

176, 200, 255

255, 179, 145

Complementary

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

107, 224, 180

224, 107, 151

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, 170, 183

107, 224, 180

235, 184, 255

Square

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

107, 224, 180

101, 213, 255

255, 172, 226

249, 193, 122

Rectangle

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

107, 224, 180

0, 224, 250

255, 172, 226

255, 175, 157

Sweetspot

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

107, 224, 180

214, 255, 240

152, 224, 107

103, 128, 118

0, 0, 0

128, 128, 128

Same Dimension

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

107, 224, 180

94, 255, 195

107, 210, 224

101, 112, 108

0, 176, 110

0, 48, 30

Inverse Universe

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

224, 107, 151

255, 94, 155

224, 121, 107

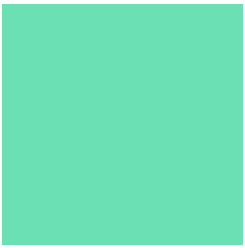
112, 101, 105

176, 0, 66

48, 0, 18

Previews

White Background

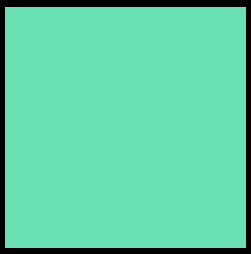


This preview shows how the RGB color 107, 224, 180 looks on a white background.

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 107, 224, 180 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 107, 224, 180 Background

This preview shows how black text looks on a background with the RGB color 107, 224, 180.

This preview shows how white text looks on a background with the RGB color 107, 224, 180.

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

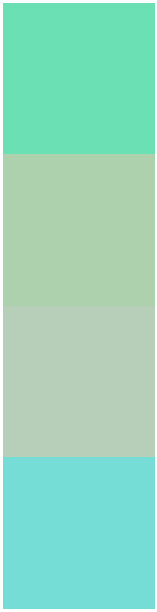
Original Color
107, 224, 180

Protanopia
213, 201, 169

Deuteranopia
227, 195, 186

Tritanopia
123, 217, 234

Trichromacy



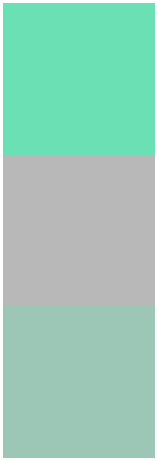
Original Color
107, 224, 180

Protanomaly
174, 209, 173

Deuteranomaly
183, 206, 184

Tritanomaly
117, 220, 214

Monochromacy



Original Color
107, 224, 180

Achromatopsia
184, 184, 184

Achromatomaly
156, 199, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 224, 180 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(107, 224, 180) looks like.

```
.text, #text, p{
    color:rgb(107, 224, 180)
}
```

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(107, 224, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 224, 180) }
```

Border

The CSS property to change the border of an element to RGB 107, 224, 180 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(107, 224, 180) }
```

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

```
.border{ border-color:rgb(107, 224, 180) }
```

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

Here you see how a box with a 4 pixel rgb(107, 224, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 224, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 224, 180); box-shadow:4px 4px 4px 4px rgb(107, 224, 180) }
```

Background

The CSS property to change the background color of an element to RGB 107, 224, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(107, 224, 180) }
```

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

```
.background{ background-color:rgb(107,
224, 180) }
```

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