Converting Colors

RGB(124, 230, 183)

Have a look what the booklet for RGB(124, 230, 183) contains.

Color

RGB(124, 230, 183)

Conversions

Conversions Part 1

Format	Color
Hex	7CE6B7
RGB	124, 230, 183
RGB Percent	49%, 90%, 72%
CMY	0.5137, 0.0980, 0.2824
CMYK	0.46, 0.00, 0.20, 0.10
HSL	153°, 68%, 69%
HSV	153°, 46%, 90%
XYZ	45.1562, 64.2976, 54.8304
YIQ	192.9480, -48.0890, -37.0890

Conversions

Conversions Part 2

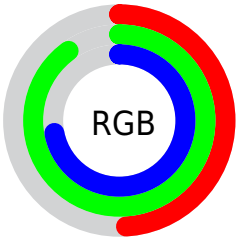
Format	Color
RYB	124, 192, 230
Decimal	8185527
CIELab	84.12, -41.41, 13.50
CIELCh	84, 43.552, 161.936
Yxy	64.2976, 0.2749, 0.3914
Android (android.graphics.Color)	4286375607 (0xFF7CE6B7)
YUV	192.9480, -4.9044, -60.4674
Hunter-Lab	80.1858, -39.8037, 15.5880

Details

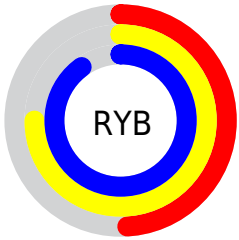
The RGB color 124, 230, 183 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 230, 124, 171, and the grayscale version is 193, 193, 193.

A 20% lighter version of the original color is 181, 255, 239, and 66, 174, 130 is the 20% darker color. If you saturate the color by 10%, you get 101, 230, 173, and if you desaturate by 10%, it is 147, 230, 193.

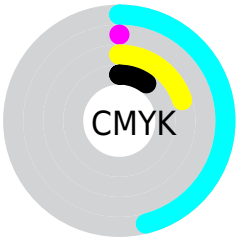
Distribution



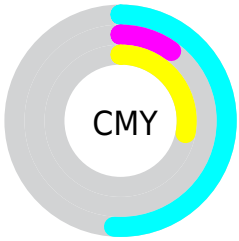
- Red (49%)
- Green (90%)
- Blue (72%)



- Red (49%)
- Yellow (75%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 230, 183 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 124, 230, 183 by changing the saturation by 10% instead.

124, 230, 183

255, 255, 255

181, 255, 239

211, 255, 255

240, 255, 255

124, 230, 183

95, 202, 156

66, 174, 130

31, 147, 105

0, 120, 81

0, 95, 57

0, 70, 36

0, 47, 15

0, 23, 0

0, 0, 0

124, 230, 183	124, 230, 183
101, 230, 173	147, 230, 193
78, 230, 163	170, 230, 203
55, 230, 152	193, 230, 214
32, 230, 142	216, 230, 224
9, 230, 132	239, 230, 234
0, 230, 128	255, 230, 244
	255, 230, 254
	255, 230, 255

Harmonies

Analogous

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

175, 223, 147

124, 230, 183

66, 232, 225

Triad

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

124, 230, 183

177, 208, 255

255, 185, 157

Complementary

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

124, 230, 183

230, 124, 171

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, 178, 195

124, 230, 183

236, 193, 255

Square

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

124, 230, 183

107, 221, 255

255, 181, 236

255, 199, 132

Rectangle

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

124, 230, 183

36, 231, 252

255, 181, 236

255, 182, 168

Sweetspot

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

124, 230, 183

219, 255, 239

172, 230, 124

106, 128, 118

0, 0, 0

128, 128, 128

Same Dimension

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

124, 230, 183

115, 255, 193

124, 225, 230

103, 115, 110

0, 179, 99

0, 51, 28

Inverse Universe

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

230, 124, 171

255, 115, 177

230, 129, 124

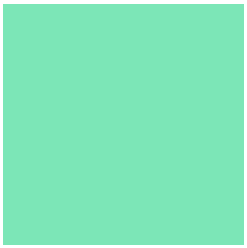
115, 103, 108

179, 0, 79

51, 0, 23

Previews

White Background

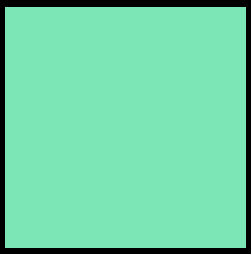


This preview shows how the RGB color 124, 230, 183 looks on a white background.

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 124, 230, 183 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 124, 230, 183 Background

This preview shows how black text looks on a background with the RGB color 124, 230, 183.

This preview shows how white text looks on a background with the RGB color 124, 230, 183.

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

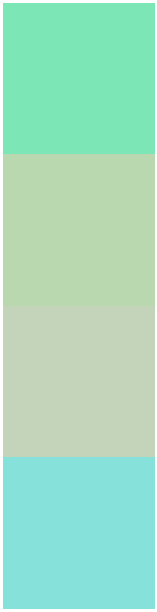
Original Color
124, 230, 183

Protanopia
220, 208, 172

Deuteranopia
236, 201, 189

Tritanopia
139, 222, 240

Trichromacy



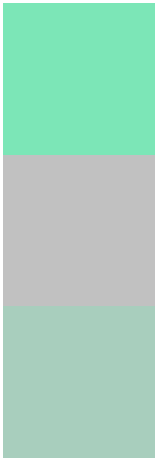
Original Color
124, 230, 183

Protanomaly
185, 216, 176

Deuteranomaly
195, 212, 187

Tritanomaly
134, 225, 219

Monochromacy



Original Color
124, 230, 183

Achromatopsia
193, 193, 193

Achromatomaly
168, 206, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 230, 183 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(124, 230, 183) looks like.

```
.text, #text, p{
    color:rgb(124, 230, 183)
}
```

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(124, 230, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 230, 183) }
```

Border

The CSS property to change the border of an element to RGB 124, 230, 183 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(124, 230, 183) }
```

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

```
.border{ border-color:rgb(124, 230, 183) }
```

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

Here you see how a box with a 4 pixel rgb(124, 230, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 230, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 230, 183); box-shadow:4px 4px 4px 4px rgb(124, 230, 183) }
```

Background

The CSS property to change the background color of an element to RGB 124, 230, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(124, 230, 183) }
```

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

```
.background{ background-color:rgb(124,
230, 183) }
```

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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