Converting Colors

RGB(127, 192, 181)

Have a look what the booklet for RGB(127, 192, 181) contains.

Color

RGB(127, 192, 181)

Conversions

Conversions Part 1

Format	Color
Hex	7FC0B5
RGB	127, 192, 181
RGB Percent	50%, 75%, 71%
CMY	0.5020, 0.2471, 0.2902
CMYK	0.34, 0.00, 0.06, 0.25
HSL	170°, 34%, 63%
HSV	170°, 34%, 75%
XYZ	35.9425, 45.5475, 50.6132
YIQ	171.3110, -35.2090, -17.2010

Conversions

Conversions Part 2

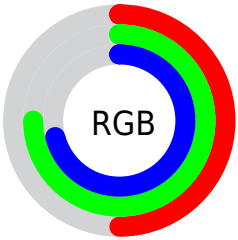
Format	Color
RYB	127, 163, 192
Decimal	8372405
CIELab	73.25, -23.13, -1.05
CIELCh	73, 23.155, 182.593
Yxy	45.5475, 0.2721, 0.3448
Android (android.graphics.Color)	4286562485 (0xFF7FC0B5)
YUV	171.3110, 4.7767, -38.8607
Hunter-Lab	67.4889, -23.0419, 2.7777

Details

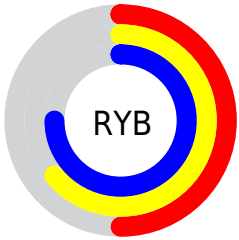
The RGB color 127, 192, 181 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 192, 127, 138, and the grayscale version is 171, 171, 171.

A 20% lighter version of the original color is 182, 249, 237, and 74, 138, 128 is the 20% darker color. If you saturate the color by 10%, you get 108, 192, 178, and if you desaturate by 10%, it is 146, 192, 184.

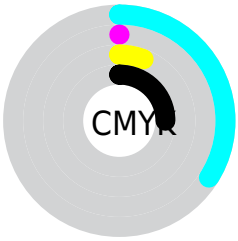
Distribution



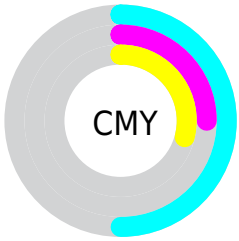
- Red (50%)
- Green (75%)
- Blue (71%)



- Red (50%)
- Yellow (64%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (50%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 192, 181 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 127, 192, 181 by changing the saturation by 10% instead.

127, 192, 181

255, 255, 255

182, 249, 237

210, 255, 255

239, 255, 255

127, 192, 181

100, 165, 154

74, 138, 128

48, 113, 103

18, 88, 79

0, 64, 56

0, 42, 35

0, 20, 13

0, 0, 0

127, 192, 181

127, 192, 181

108, 192, 178

89, 192, 175

69, 192, 171

50, 192, 168

31, 192, 165

12, 192, 162

0, 192, 160

146, 192, 184

165, 192, 187

185, 192, 191

204, 192, 194

223, 192, 197

242, 192, 200

255, 192, 204

255, 192, 207

255, 192, 210

Harmonies

Analogous

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

147, 190, 160

127, 192, 181

120, 191, 202

Triad

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

127, 192, 181

186, 174, 216

212, 172, 143

Complementary

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

127, 192, 181

192, 127, 138

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.

223, 166, 158

127, 192, 181

209, 168, 200

Square

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

127, 192, 181

157, 181, 222

222, 165, 179

194, 179, 138

Rectangle

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

127, 192, 181

126, 189, 213

222, 165, 179

217, 170, 147

Sweetspot

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

127, 192, 181

225, 250, 246

139, 192, 127

110, 125, 122

252, 252, 252

125, 125, 125

Same Dimension

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

127, 192, 181

147, 250, 233

127, 171, 192

87, 97, 95

0, 161, 133

0, 33, 28

Inverse Universe

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

192, 127, 138

250, 147, 165

192, 148, 127

97, 87, 89

161, 0, 27

33, 0, 6

Previews

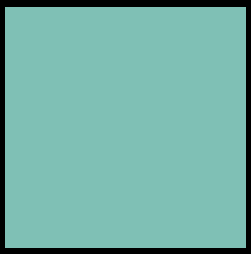
White Background

This preview shows how the RGB color 127, 192, 181 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



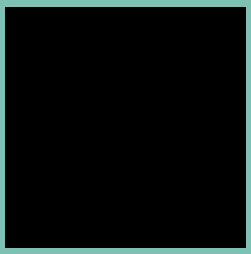
This preview shows how the RGB color 127, 192, 181 looks on a black background.

Color Contrast Check

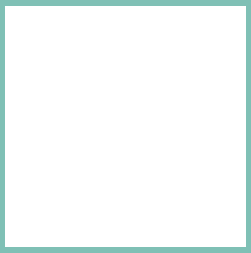
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 127, 192, 181 Background



This preview shows how black text looks on a background with the RGB color 127, 192, 181.



This preview shows how white text looks on a background with the RGB color 127, 192, 181.

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

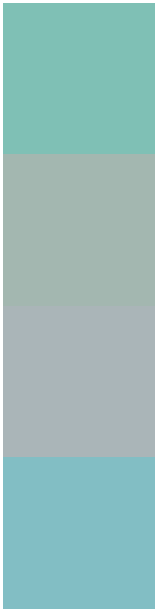
Original Color
127, 192, 181

Protanopia
184, 178, 173

Deuteranopia
194, 174, 185

Tritanopia
132, 189, 204

Trichromacy



Original Color
127, 192, 181

Protanomaly
163, 183, 176

Deuteranomaly
170, 181, 184

Tritanomaly
130, 190, 196

Monochromacy

Original Color
127, 192, 181

Achromatopsia
171, 171, 171

Achromatomaly
155, 179, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 192, 181 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(127, 192, 181) looks like.

```
.text, #text, p{
    color:rgb(127, 192, 181)
}
```

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(127, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 192, 181) }
```

Border

The CSS property to change the border of an element to RGB 127, 192, 181 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(127, 192, 181) }
```

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

```
.border{ border-color:rgb(127, 192, 181) }
```

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

Here you see how a box with a 4 pixel rgb(127, 192, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 192, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 192, 181); box-shadow:4px 4px 4px 4px rgb(127, 192, 181) }
```

Background

The CSS property to change the background color of an element to RGB 127, 192, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(127, 192, 181) }
```

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

```
.background{ background-color:rgb(127,
192, 181) }
```

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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