Converting Colors

RGB(140, 195, 180)

Have a look what the booklet for RGB(140, 195, 180) contains.

Color

RGB(140, 195, 180)

Conversions

Conversions Part 1

Format	Color
Hex	8CC3B4
RGB	140, 195, 180
RGB Percent	55%, 76%, 71%
CMY	0.4510, 0.2353, 0.2941
CMYK	0.28, 0.00, 0.08, 0.24
HSL	164°, 31%, 66%
HSV	164°, 28%, 76%
XYZ	38.5685, 47.9010, 50.3930
YIQ	176.8450, -27.9650, -16.3250

Conversions

Conversions Part 2

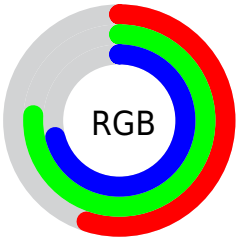
Format	Color
RYB	140, 172, 195
Decimal	9225140
CIELab	74.76, -21.05, 1.78
CIELCh	75, 21.122, 175.157
Yxy	47.9010, 0.2818, 0.3500
Android (android.graphics.Color)	4287415220 (0xFF8CC3B4)
YUV	176.8450, 1.5554, -32.3131
Hunter-Lab	69.2105, -21.6467, 5.2776

Details

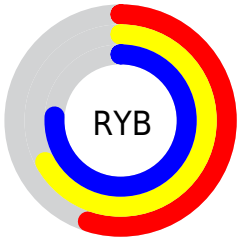
The RGB color 140, 195, 180 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 195, 140, 155, and the grayscale version is 177, 177, 177.

A 20% lighter version of the original color is 195, 252, 236, and 88, 141, 127 is the 20% darker color. If you saturate the color by 10%, you get 121, 195, 175, and if you desaturate by 10%, it is 160, 195, 185.

Distribution

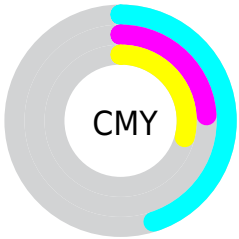


- Red (55%)
- Green (76%)
- Blue (71%)



- Red (55%)
- Yellow (67%)
- Blue (76%)

- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (45%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 195, 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 140, 195, 180 by changing the saturation by 10% instead.

140, 195, 180	140, 195, 180
255, 255, 255	114, 168, 153
195, 252, 236	88, 141, 127
223, 255, 255	63, 115, 102
252, 255, 255	38, 91, 78
	9, 67, 56
	0, 44, 34
	0, 26, 12
	0, 0, 0

140, 195, 180	140, 195, 180

121, 195, 175

101, 195, 169

82, 195, 164

62, 195, 159

43, 195, 153

23, 195, 148

4, 195, 143

0, 195, 142

160, 195, 185

179, 195, 191

199, 195, 196

218, 195, 201

238, 195, 207

255, 195, 212

255, 195, 217

255, 195, 223

255, 195, 228

Harmonies

Analogous

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

159, 193, 161

140, 195, 180

131, 195, 200

Triad

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

140, 195, 180

183, 180, 219

217, 175, 153

Complementary

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

140, 195, 180

195, 140, 155

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.

224, 171, 168

140, 195, 180

206, 174, 206

Square

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

140, 195, 180

157, 187, 222

221, 171, 188

202, 182, 146

Rectangle

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

140, 195, 180

133, 193, 211

221, 171, 188

221, 174, 157

Sweetspot

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

140, 195, 180

232, 252, 247

156, 195, 140

115, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

140, 195, 180

167, 252, 229

140, 183, 195

87, 97, 94

0, 161, 117

0, 33, 24

Inverse Universe

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

195, 140, 155

252, 167, 190

195, 152, 140

97, 87, 90

161, 0, 44

33, 0, 9

Previews

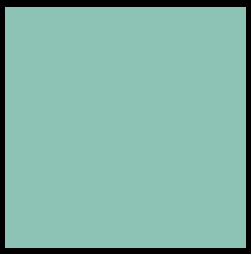
White Background

This preview shows how the RGB color 140, 195, 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



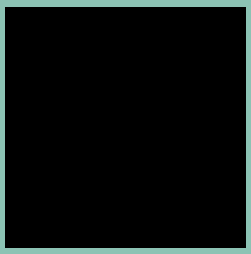
This preview shows how the RGB color 140, 195, 180 looks on a black background.

Color Contrast Check

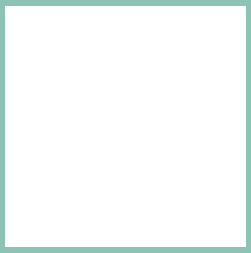
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 140, 195, 180 Background



This preview shows how black text looks on a background with the RGB color 140, 195, 180.



This preview shows how white text looks on a background with the RGB color 140, 195, 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

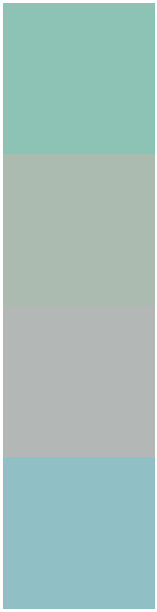
Original Color
140, 195, 180

Protanopia
189, 183, 173

Deuteranopia
201, 177, 184

Tritanopia
146, 191, 206

Trichromacy



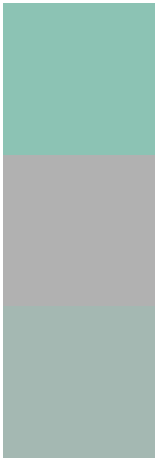
Original Color
140, 195, 180

Protanomaly
171, 187, 176

Deuteranomaly
179, 184, 183

Tritanomaly
144, 192, 197

Monochromacy



Original Color
140, 195, 180

Achromatopsia
177, 177, 177

Achromatomaly
164, 184, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 195, 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(140, 195, 180) looks like.

```
.text, #text, p{
    color:rgb(140, 195, 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(140, 195, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 195, 180) }
```

Border

The CSS property to change the border of an element to RGB 140, 195, 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(140, 195, 180) }
```

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

```
.border{ border-color:rgb(140, 195, 180) }
```

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

Here you see how a box with a 4 pixel rgb(140, 195, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 195, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 195, 180); box-shadow:4px 4px 4px 4px rgb(140, 195, 180) }
```

Background

The CSS property to change the background color of an element to RGB 140, 195, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 195, 180) }
```

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

```
.background{ background-color:rgb(140,
195, 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