

Converting Colors

RGB(140, 195, 176)

Have a look what the booklet for
RGB(140, 195, 176) contains.

RGB(140, 195, 176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(140, 195, 176)

Conversions

Conversions Part 1

Format	Color
Hex	8CC3B0
RGB	140, 195, 176
RGB Percent	55%, 76%, 69%
CMY	0.4510, 0.2353, 0.3098
CMYK	0.28, 0.00, 0.10, 0.24
HSL	159°, 31%, 66%
HSV	159°, 28%, 76%
XYZ	38.1668, 47.7403, 48.2775
YIQ	176.3890, -26.6810, -17.5690

Conversions

Conversions Part 2

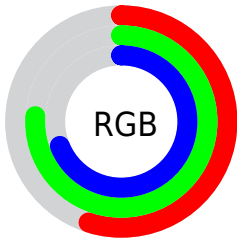
Format	Color
RYB	140, 173, 195
Decimal	9225136
CIELab	74.66, -21.90, 3.80
CIElCh	75, 22.227, 170.145
Yxy	47.7403, 0.2844, 0.3558
Android (android.graphics.Color)	4287415216 (0xFF8CC3B0)
YUV	176.3890, -0.1918, -31.9132
Hunter-Lab	69.0943, -22.3140, 6.9390

Details

The RGB color **140, 195, 176** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **195, 140, 159**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **195, 252, 232**, and **88, 141, 124** is the 20% darker color. If you saturate the color by 10%, you get **121, 195, 169**, and if you desaturate by 10%, it is **160, 195, 183**.

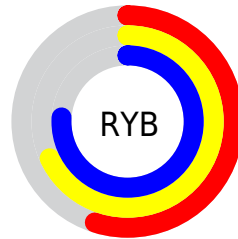
Distribution



Red (55%)

Green (76%)

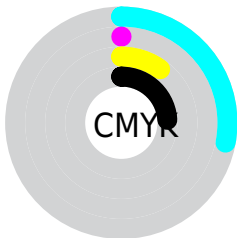
Blue (69%)



Red (55%)

Yellow (68%)

Blue (76%)

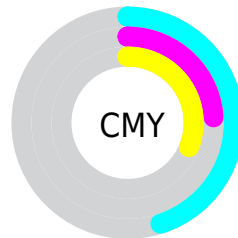


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (24%)



Cyan (45%)


Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 140, 195, 176 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, 176 by changing the saturation by 10% instead.


 140, 195, 176


255, 255, 255


 195, 252, 232


 223, 255, 255

 252, 255, 255

 140, 195, 176

 114, 168, 149

 88, 141, 124

 63, 115, 99


 38, 91, 75

 10, 67, 52


 0, 44, 31


 0, 25, 7


 0, 0, 0

 140, 195, 176


 140, 195, 176

 121, 195, 169


 160, 195, 183

 101, 195, 163


 179, 195, 189

 82, 195, 156

 199, 195, 196

 62, 195, 149

 218, 195, 203

 43, 195, 142

 238, 195, 210

 23, 195, 136

 255, 195, 216

 4, 195, 129

 255, 195, 223

 0, 195, 128

 255, 195, 230

 255, 195, 237

Harmonies

Analogous

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



161, 192, 157



140, 195, 176



128, 195, 197

Triad

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



140, 195, 176



178, 181, 222



221, 174, 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, 176



195, 140, 159

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.



226, 170, 171



140, 195, 176



204, 174, 210

Square

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



140, 195, 176



151, 188, 223



220, 170, 191



206, 180, 144

Rectangle

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



140, 195, 176



128, 194, 209



220, 170, 191



224, 172, 158

Sweetspot

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



140, 195, 176



232, 252, 245



159, 195, 140



115, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



140, 195, 176



167, 252, 223



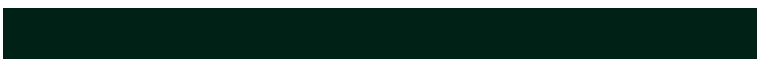
140, 187, 195



87, 97, 94



0, 161, 105



0, 33, 22

Inverse Universe

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



195, 140, 159



252, 167, 196



195, 148, 140



97, 87, 91



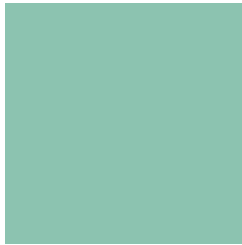
161, 0, 55



33, 0, 11

Previews

White Background



This preview shows how the RGB color 140, 195, 176 looks on a white background.

Color Contrast Check

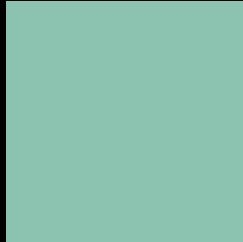
Large Text (above 18pt) WCAG AA × Fail

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, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

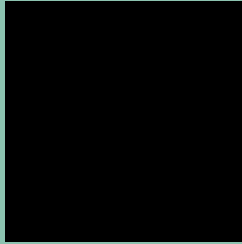
Any Text WCAG AA ✓ Pass

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, 176 Background



This preview shows how black text looks on a background with the RGB color 140, 195, 176.

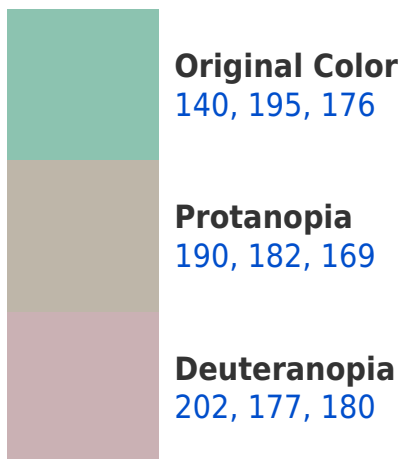


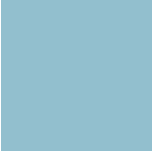
This preview shows how white text looks on a background with the RGB color 140, 195, 176.

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





Tritanopia
146, 191, 206

Trichromacy



Original Color

140, 195, 176

Protanomaly

172, 187, 172

Deuteranomaly

179, 184, 179

Tritanomaly

144, 192, 195

Monochromacy



Original Color

140, 195, 176

Achromatopsia

176, 176, 176

Achromatomaly

163, 183, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 140, 195, 176 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(140, 195, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 195, 176) }
```

Border

The CSS property to change the border of an element to RGB 140, 195, 176 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, 176) }
```

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

```
.border{ border-color:rgb(140, 195, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(140, 195,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 140, 195, 176 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, 176) }
```

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

```
.background{ background-color: rgb(140,  
195, 176) }
```

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