

Converting Colors

RGB(129, 179, 176)

Have a look what the booklet for
RGB(129, 179, 176) contains.

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Color

RGB(129, 179, 176)

Conversions

Conversions Part 1

Format	Color
Hex	81B3B0
RGB	129, 179, 176
RGB Percent	51%, 70%, 69%
CMY	0.4941, 0.2980, 0.3098
CMYK	0.28, 0.00, 0.02, 0.30
HSL	176°, 25%, 60%
HSV	176°, 28%, 70%
XYZ	33.0098, 40.0419, 47.0634
YIQ	163.7080, -28.8370, -11.5330

Conversions

Conversions Part 2

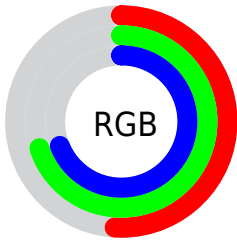
Format	Color
RYB	129, 155, 179
Decimal	8500144
CIELab	69.50, -17.08, -3.81
CIELCh	69, 17.494, 192.564
Yxy	40.0419, 0.2748, 0.3334
Android (android.graphics.Color)	4286690224 (0xFF81B3B0)
YUV	163.7080, 6.0600, -30.4389
Hunter-Lab	63.2787, -17.6217, 0.1983

Details

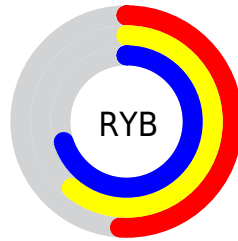
The RGB color **129, 179, 176** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **179, 129, 132**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **183, 235, 232**, and **77, 126, 124** is the 20% darker color. If you saturate the color by 10%, you get **111, 179, 175**, and if you desaturate by 10%, it is **147, 179, 177**.

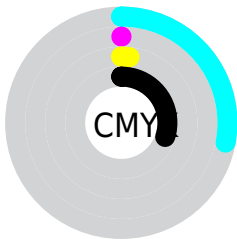
Distribution



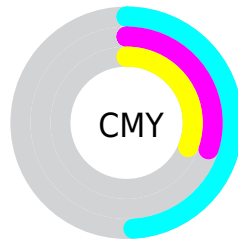
- Red (51%)
- Green (70%)
- Blue (69%)



- Red (51%)
- Yellow (61%)
- Blue (70%)



- Cyan (28%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 179, 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 129, 179, 176 by changing the saturation by 10% instead.

 129, 179, 176


255, 255, 255


 183, 235, 232


 211, 255, 255

 240, 255, 255

 129, 179, 176


 103, 152, 149

 77, 126, 124

 52, 101, 99

 27, 77, 75


 0, 54, 52

 0, 33, 31

 0, 0, 7

 0, 0, 0

 129, 179, 176

 129, 179, 176

■ 111, 179, 175

■ 147, 179, 177

■ 93, 179, 174

■ 165, 179, 178

■ 75, 179, 173

■ 183, 179, 179

■ 57, 179, 172

■ 201, 179, 180

■ 39, 179, 171

■ 219, 179, 181

■ 22, 179, 170

■ 236, 179, 182

■ 4, 179, 168

■ 254, 179, 184

■ 0, 179, 168

■ 255, 179, 185

■ 255, 179, 186

Harmonies

Analogous

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



140, 178, 160



129, 179, 176



129, 178, 191

Triad

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



129, 179, 176



181, 164, 193



191, 166, 140

Complementary

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



129, 179, 176



179, 129, 132

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.



201, 161, 149



129, 179, 176



196, 160, 180

Square

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



129, 179, 176



161, 169, 200



203, 159, 163



175, 171, 139

Rectangle

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



129, 179, 176



136, 175, 197



203, 159, 163



195, 164, 142

Sweetspot

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



129, 179, 176



213, 232, 231



132, 179, 129



106, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



129, 179, 176



153, 232, 227



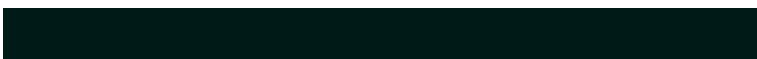
129, 157, 179



80, 89, 89



0, 153, 144



0, 26, 24

Inverse Universe

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



179, 129, 132



232, 153, 158



179, 151, 129



89, 80, 81



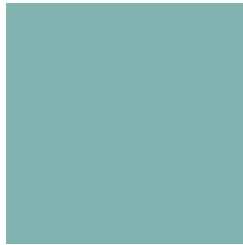
153, 0, 9



26, 0, 2

Previews

White Background



This preview shows how the RGB color 129, 179, 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 129, 179, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

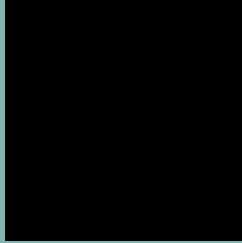
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

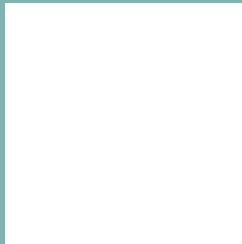
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 129, 179, 176 Background



This preview shows how black text looks on a background with the RGB color 129, 179, 176.

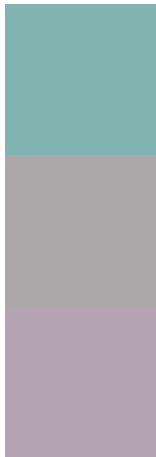


This preview shows how white text looks on a background with the RGB color 129, 179, 176.

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



Original Color
129, 179, 176

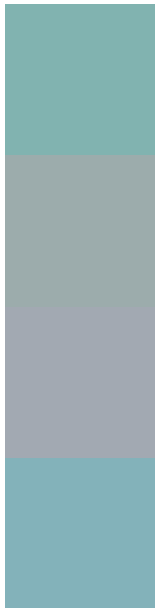
Protanopia
172, 168, 170

Deuteranopia
181, 164, 179



Tritanopia
132, 177, 191

Trichromacy



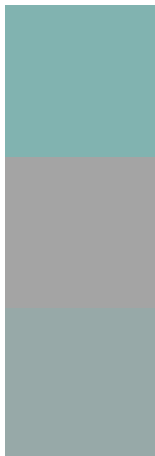
Original Color
129, 179, 176

Protanomaly
156, 172, 172

Deuteranomaly
162, 169, 178

Tritanomaly
131, 178, 186

Monochromacy



Original Color
129, 179, 176

Achromatopsia
164, 164, 164

Achromatomaly
151, 169, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 179, 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(129, 179, 176)` looks like.

```
.text, #text, p{  
    color:rgb(129, 179, 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(129, 179, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 179, 176) }
```

Border

The CSS property to change the border of an element to RGB 129, 179, 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(129, 179, 176) }
```

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

```
.border{ border-color:rgb(129, 179, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 179, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 179, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 179, 176);  
box-shadow:4px 4px 4px 4px rgb(129, 179,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 129, 179, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 179, 176) }
```

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

```
.background{ background-color: rgb(129,  
179, 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](#).

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