

Converting Colors

RGB(129, 176, 167)

Have a look what the booklet for
RGB(129, 176, 167) contains.

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Color

RGB(129, 176, 167)

Conversions

Conversions Part 1

Format	Color
Hex	81B0A7
RGB	129, 176, 167
RGB Percent	51%, 69%, 65%
CMY	0.4941, 0.3098, 0.3451
CMYK	0.27, 0.00, 0.05, 0.31
HSL	169°, 23%, 60%
HSV	169°, 27%, 69%
XYZ	31.5536, 38.5078, 42.3289
YIQ	160.9210, -25.1230, -12.7630

Conversions

Conversions Part 2

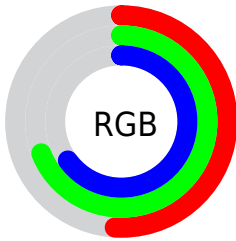
Format	Color
RYB	129, 155, 176
Decimal	8499367
CIELab	68.39, -17.55, -0.46
CIElCh	68, 17.559, 181.507
Yxy	38.5078, 0.2808, 0.3426
Android (android.graphics.Color)	4286689447 (0xFF81B0A7)
YUV	160.9210, 2.9969, -27.9947
Hunter-Lab	62.0547, -17.8317, 2.9952

Details

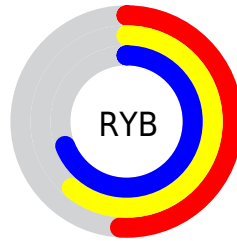
The RGB color **129, 176, 167** is a light color, and the websafe version is hex **669999**. A complement of this color would be **176, 129, 138**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **183, 232, 222**, and **78, 123, 115** is the 20% darker color. If you saturate the color by 10%, you get **111, 176, 164**, and if you desaturate by 10%, it is **147, 176, 170**.

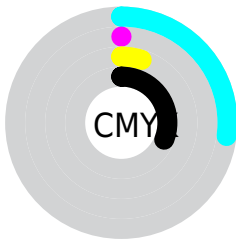
Distribution



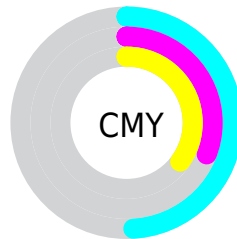
- Red (51%)
- Green (69%)
- Blue (65%)



- Red (51%)
- Yellow (61%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 176, 167 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, 176, 167 by changing the saturation by 10% instead.

 129, 176, 167


255, 255, 255


 183, 232, 222

 211, 255, 251

 240, 255, 255

 129, 176, 167

 103, 149, 141

 78, 123, 115

 53, 98, 91

 29, 74, 67


 2, 51, 45


 0, 31, 24

 0, 0, 0

 129, 176, 167

 111, 176, 164

 129, 176, 167

 147, 176, 170

■ 94, 176, 160

■ 164, 176, 174

■ 76, 176, 157

■ 182, 176, 177

■ 59, 176, 154

■ 199, 176, 180

■ 41, 176, 150

■ 217, 176, 184

■ 23, 176, 147

■ 235, 176, 187

■ 6, 176, 143

■ 252, 176, 191

■ 0, 176, 142

■ 255, 176, 194

■ 255, 176, 197

Harmonies

Analogous

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



143, 174, 151



129, 176, 167



124, 175, 183

Triad

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



129, 176, 167



171, 162, 194



192, 161, 139

Complementary

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



129, 176, 167



176, 129, 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.



200, 157, 151



129, 176, 167



188, 158, 182

Square

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



129, 176, 167



150, 168, 198



198, 156, 167



178, 166, 135

Rectangle

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



129, 176, 167



128, 174, 191



198, 156, 167



196, 159, 143

Sweetspot

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



129, 176, 167



211, 230, 226



138, 176, 129



103, 115, 113



242, 242, 242



115, 115, 115

Same Dimension

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



129, 176, 167



156, 230, 215



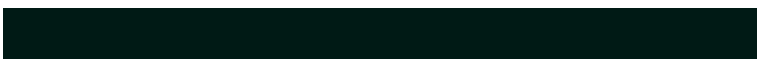
129, 162, 176



80, 89, 88



0, 153, 124



0, 26, 21

Inverse Universe

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



176, 129, 138



230, 156, 170



176, 143, 129



89, 80, 82



153, 0, 29



26, 0, 5

Previews

White Background



This preview shows how the RGB color 129, 176, 167 looks on a white background.

Color Contrast Check

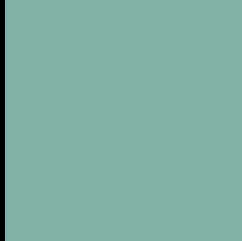
Large Text (above 18pt) WCAG AA × Fail

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, 176, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

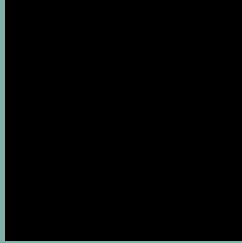
Any Text WCAG AA ✓ Pass

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, 176, 167 Background



This preview shows how black text looks on a background with the RGB color 129, 176, 167.



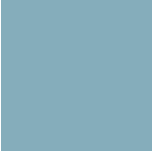
This preview shows how white text looks on a background with the RGB color 129, 176, 167.

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](#).

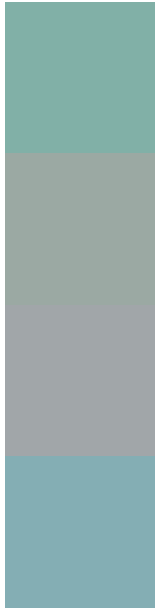
Dichromacy





Tritanopia
133, 173, 187

Trichromacy



Original Color
129, 176, 167

Protanomaly
155, 169, 163

Deuteranomaly
161, 166, 169

Tritanomaly
132, 174, 180

Monochromacy



Original Color
129, 176, 167

Achromatopsia
161, 161, 161

Achromatomaly
149, 166, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 176, 167 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, 176, 167)` looks like.

```
.text, #text, p{  
    color:rgb(129, 176, 167)  
}
```

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, 176, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 176, 167) }
```

Border

The CSS property to change the border of an element to RGB 129, 176, 167 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, 176, 167) }
```

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

```
.border{ border-color:rgb(129, 176, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 176, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 176, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 176, 167); box-shadow:4px 4px 4px 4px rgb(129, 176, 167) }
```

Background

The CSS property to change the background color of an element to RGB 129, 176, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 176, 167) }
```

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

```
.background{ background-color: rgb(129,  
176, 167) }
```

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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