

Converting Colors

RGB(79, 177, 187)

Have a look what the booklet for
RGB(79, 177, 187) contains.

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Color

RGB(79, 177, 187)

Conversions

Conversions Part 1

Format	Color
Hex	4FB1BB
RGB	79, 177, 187
RGB Percent	31%, 69%, 73%
CMY	0.6902, 0.3059, 0.2667
CMYK	0.58, 0.05, 0.00, 0.27
HSL	186°, 44%, 52%
HSV	186°, 58%, 73%
XYZ	27.9162, 36.6944, 52.6251
YIQ	148.8380, -61.6180, -17.6660

Conversions

Conversions Part 2

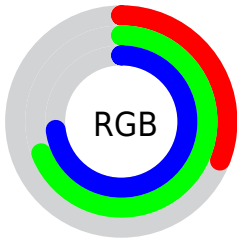
Format	Color
RYB	79, 130, 187
Decimal	5222843
CIELab	67.05, -25.60, -13.77
CIElCh	67, 29.069, 208.274
Yxy	36.6944, 0.2381, 0.3130
Android (android.graphics.Color)	4283412923 (0xFF4FB1BB)
YUV	148.8380, 18.8139, -61.2479
Hunter-Lab	60.5759, -23.7466, -9.1048

Details

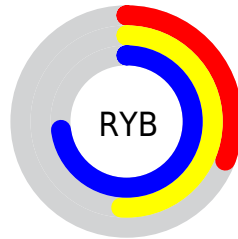
The RGB color **79, 177, 187** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **187, 89, 79**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **138, 233, 243**, and **0, 124, 134** is the 20% darker color. If you saturate the color by 10%, you get **60, 175, 187**, and if you desaturate by 10%, it is **98, 179, 187**.

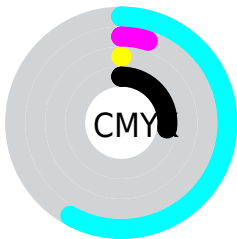
Distribution



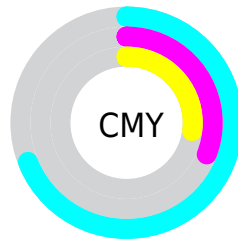
- Red (31%)
- Green (69%)
- Blue (73%)



- Red (31%)
- Yellow (51%)
- Blue (73%)



- Cyan (58%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)




- Cyan (69%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 79, 177, 187 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 79, 177, 187 by changing the saturation by 10% instead.

 79, 177, 187


255, 255, 255


 138, 233, 243

 167, 255, 255

 196, 255, 255

 226, 255, 255

 79, 177, 187


 46, 150, 160

 0, 124, 134

 0, 99, 109


 0, 75, 84

 0, 51, 61

 0, 32, 39

 0, 1, 19

 0, 0, 0

 79, 177, 187

 79, 177, 187

■ 60, 175, 187

■ 98, 179, 187

■ 42, 174, 187

■ 116, 180, 187

■ 23, 172, 187

■ 135, 182, 187

■ 4, 170, 187

■ 154, 184, 187

■ 0, 170, 187

■ 172, 186, 187

■ 191, 187, 187

■ 210, 189, 187

■ 229, 191, 187

■ 247, 193, 187

Harmonies

Analogous

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



96, 178, 161



79, 177, 187



92, 173, 207

Triad

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



79, 177, 187



195, 148, 191



183, 161, 111

Complementary

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



79, 177, 187



187, 89, 79

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.



204, 152, 120



79, 177, 187



212, 144, 166

Square

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



79, 177, 187



165, 157, 209



215, 145, 140



156, 169, 117

Rectangle

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



79, 177, 187



114, 169, 214



215, 145, 140



191, 158, 112

Sweetspot

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



79, 177, 187



201, 238, 242



79, 187, 88



98, 120, 122



250, 250, 250



122, 122, 122

Same Dimension

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



79, 177, 187



75, 227, 242



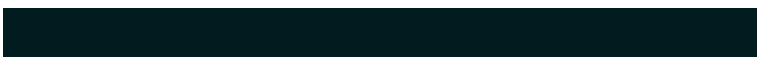
79, 124, 187



85, 93, 94



0, 143, 158



0, 28, 31

Inverse Universe

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



187, 79, 177



242, 75, 227



187, 142, 79



94, 85, 93



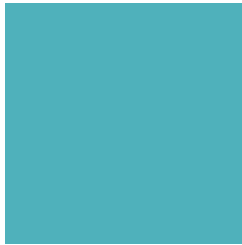
158, 0, 143



31, 0, 28

Previews

White Background



This preview shows how the RGB color 79, 177, 187 looks on a white background.

Color Contrast Check

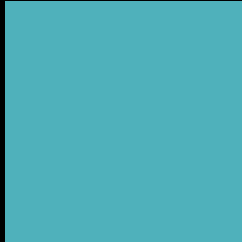
Large Text (above 18pt) WCAG AA × Fail

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 79, 177, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

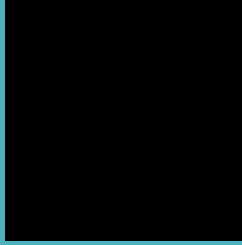
Any Text WCAG AA ✓ Pass

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 79, 177, 187 Background



This preview shows how black text looks on a background with the RGB color 79, 177, 187.

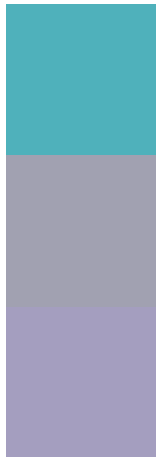


This preview shows how white text looks on a background with the RGB color 79, 177, 187.

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
79, 177, 187

Protanopia
161, 161, 177

Deuteranopia
164, 158, 191



Tritanopia
81, 176, 191

Trichromacy



Original Color

79, 177, 187



Protanomaly

131, 167, 181



Deuteranomaly

133, 165, 190



Tritanomaly

80, 176, 190

Monochromacy



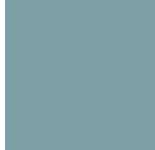
Original Color

79, 177, 187



Achromatopsia

149, 149, 149



Achromatomaly

124, 159, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 79, 177, 187 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(79, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(79, 177, 187)  
}
```

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(79, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 177, 187) }
```

Border

The CSS property to change the border of an element to RGB 79, 177, 187 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(79, 177, 187) }
```

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

```
.border{ border-color:rgb(79, 177, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(79, 177,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 79, 177, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 177, 187) }
```

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

```
.background{ background-color: rgb(79, 177,  
187) }
```

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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