

Converting Colors

RGB(112, 178, 177)

Have a look what the booklet for
RGB(112, 178, 177) contains.

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Color

RGB(112, 178, 177)

Conversions

Conversions Part 1

Format	Color
Hex	70B2B1
RGB	112, 178, 177
RGB Percent	44%, 70%, 69%
CMY	0.5608, 0.3020, 0.3059
CMYK	0.37, 0.00, 0.01, 0.30
HSL	179°, 30%, 57%
HSV	179°, 37%, 70%
XYZ	30.5383, 38.4599, 47.4089
YIQ	158.1520, -39.0150, -14.3030

Conversions

Conversions Part 2

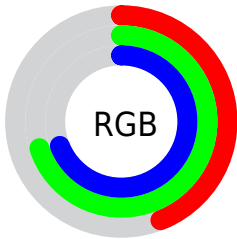
Format	Color
RYB	112, 145, 178
Decimal	7385777
CIELab	68.36, -21.16, -6.14
CIELCh	68, 22.030, 196.190
Yxy	38.4599, 0.2623, 0.3304
Android (android.graphics.Color)	4285575857 (0xFF70B2B1)
YUV	158.1520, 9.2921, -40.4753
Hunter-Lab	62.0160, -20.6300, -1.9138

Details

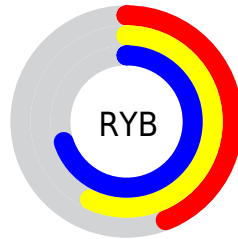
The RGB color **112, 178, 177** is a light color, and the websafe version is hex **669999**. A complement of this color would be **178, 112, 113**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **167, 234, 233**, and **59, 125, 125** is the 20% darker color. If you saturate the color by 10%, you get **94, 178, 177**, and if you desaturate by 10%, it is **130, 178, 177**.

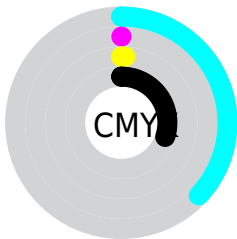
Distribution



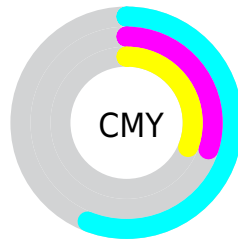
- Red (44%)
- Green (70%)
- Blue (69%)



- Red (44%)
- Yellow (57%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)




- Cyan (56%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 178, 177 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 112, 178, 177 by changing the saturation by 10% instead.

 112, 178, 177


255, 255, 255


 167, 234, 233


 195, 255, 255


 223, 255, 255

253, 255, 255

 112, 178, 177


 85, 151, 150

 59, 125, 125

 30, 100, 100

 0, 76, 76


 0, 53, 53

 0, 32, 32

 0, 0, 8

 0, 0, 0

 112, 178, 177

 112, 178, 177

■ 94, 178, 177

■ 130, 178, 177

■ 76, 178, 176

■ 148, 178, 178

■ 59, 178, 176

■ 165, 178, 178

■ 41, 178, 176

■ 183, 178, 178

■ 23, 178, 176

■ 201, 178, 178

■ 5, 178, 175

■ 219, 178, 179

■ 0, 178, 175

■ 237, 178, 179

■ 254, 178, 179

■ 255, 178, 179

Harmonies

Analogous

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



126, 177, 157



112, 178, 177



113, 176, 195

Triad

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



112, 178, 177



183, 158, 194



190, 162, 128

Complementary

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



112, 178, 177



178, 112, 113

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, 156, 139



112, 178, 177



201, 153, 177

Square

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



112, 178, 177



158, 165, 205



208, 153, 156



170, 169, 128

Rectangle

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



112, 178, 177



124, 173, 202



208, 153, 156



196, 160, 131

Sweetspot

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



112, 178, 177



207, 232, 232



113, 178, 112



102, 117, 117



245, 245, 245



117, 117, 117

Same Dimension

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



112, 178, 177



130, 232, 231



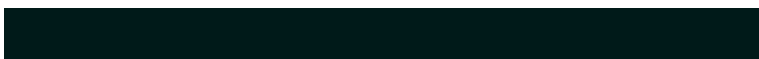
112, 146, 178



80, 89, 89



0, 153, 151



0, 26, 25

Inverse Universe

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



178, 112, 113



232, 130, 131



178, 144, 112



89, 80, 80



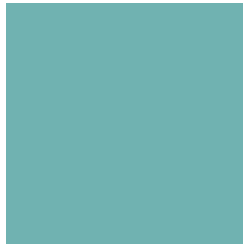
153, 0, 2



26, 0, 0

Previews

White Background



This preview shows how the RGB color 112, 178, 177 looks on a white background.

Color Contrast Check

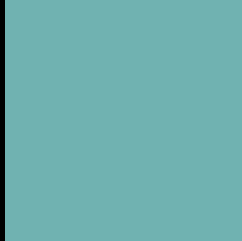
Large Text (above 18pt) WCAG AA × Fail

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 112, 178, 177 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

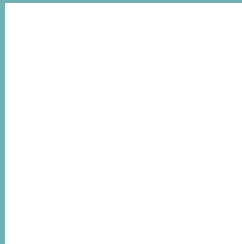
Any Text WCAG AAA ✓ Pass

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

RGB 112, 178, 177 Background



This preview shows how black text looks on a background with the RGB color 112, 178, 177.

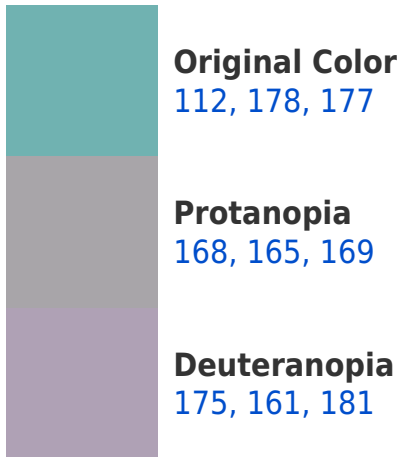


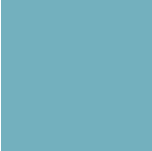
This preview shows how white text looks on a background with the RGB color 112, 178, 177.

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
115, 176, 190

Trichromacy



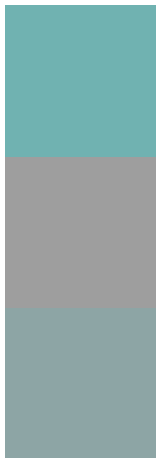
Original Color
112, 178, 177

Protanomaly
148, 170, 172

Deuteranomaly
152, 167, 180

Tritanomaly
114, 177, 185

Monochromacy



Original Color
112, 178, 177

Achromatopsia
158, 158, 158

Achromatomaly
141, 165, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 178, 177 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(112, 178, 177)` looks like.

```
.text, #text, p{  
    color:rgb(112, 178, 177)  
}
```

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(112, 178, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 178, 177) }
```

Border

The CSS property to change the border of an element to RGB 112, 178, 177 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(112, 178, 177) }
```

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

```
.border{ border-color:rgb(112, 178, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 178, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 178, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 178, 177);  
box-shadow:4px 4px 4px 4px rgb(112, 178,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 112, 178, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 178, 177) }
```

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

```
.background{ background-color: rgb(112,  
178, 177) }
```

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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