

Converting Colors

RGB(129, 178, 177)

Have a look what the booklet for
RGB(129, 178, 177) contains.

RGB(129, 178, 177)	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(129, 178, 177)

Conversions

Conversions Part 1

Format	Color
Hex	81B2B1
RGB	129, 178, 177
RGB Percent	51%, 70%, 69%
CMY	0.4941, 0.3020, 0.3059
CMYK	0.28, 0.00, 0.01, 0.30
HSL	179°, 24%, 60%
HSV	179°, 28%, 70%
XYZ	32.9095, 39.6822, 47.5199
YIQ	163.2350, -28.8830, -10.6990

Conversions

Conversions Part 2

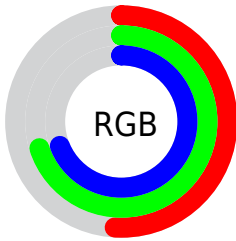
Format	Color
RYB	129, 154, 178
Decimal	8499889
CIELab	69.24, -16.33, -4.74
CIElCh	69, 16.998, 196.177
Yxy	39.6822, 0.2740, 0.3304
Android (android.graphics.Color)	4286689969 (0xFF81B2B1)
YUV	163.2350, 6.7861, -30.0241
Hunter-Lab	62.9938, -16.9866, -0.6302

Details

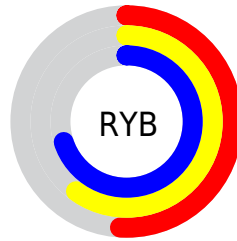
The RGB color **129, 178, 177** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178, 129, 130**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **183, 234, 233**, and **77, 125, 124** is the 20% darker color. If you saturate the color by 10%, you get **111, 178, 177**, and if you desaturate by 10%, it is **147, 178, 177**.

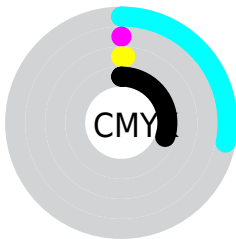
Distribution



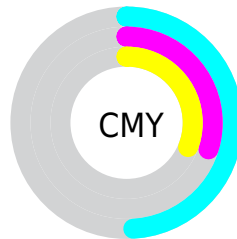
- Red (51%)
- Green (70%)
- Blue (69%)



- Red (51%)
- Yellow (60%)
- Blue (70%)



- Cyan (28%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 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 129, 178, 177 by changing the saturation by 10% instead.

 129, 178, 177


255, 255, 255


 183, 234, 233


 211, 255, 255

 240, 255, 255

 129, 178, 177


 103, 151, 150

 77, 125, 124

 53, 100, 100

 27, 76, 76


 0, 53, 53

 0, 32, 32

 0, 0, 8

 0, 0, 0

 129, 178, 177

 129, 178, 177

■ 111, 178, 177

■ 147, 178, 177

■ 93, 178, 176

■ 165, 178, 178

■ 76, 178, 176

■ 182, 178, 178

■ 58, 178, 176

■ 200, 178, 178

■ 40, 178, 175

■ 218, 178, 179

■ 22, 178, 175

■ 236, 178, 179

■ 4, 178, 174

■ 254, 178, 180

■ 0, 178, 174

■ 255, 178, 180

■ 255, 178, 180

Harmonies

Analogous

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



139, 178, 161



129, 178, 177



130, 176, 191

Triad

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



129, 178, 177



182, 162, 190



188, 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, 178, 177



178, 129, 130

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.



198, 161, 147



129, 178, 177



196, 159, 177

Square

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



129, 178, 177



163, 168, 198



201, 158, 161



172, 171, 139

Rectangle

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



129, 178, 177



138, 174, 197



201, 158, 161



192, 164, 141

Sweetspot

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



129, 178, 177



213, 232, 232



131, 178, 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, 178, 177



155, 232, 230



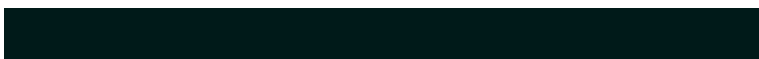
129, 155, 178



80, 89, 89



0, 153, 150



0, 26, 25

Inverse Universe

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



178, 129, 130



232, 155, 157



178, 152, 129



89, 80, 81



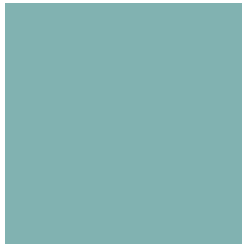
153, 0, 3



26, 0, 1

Previews

White Background



This preview shows how the RGB color 129, 178, 177 looks on a white background.

Color Contrast Check

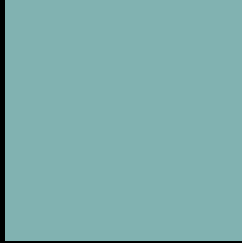
Large Text (above 18pt) WCAG AA × Fail

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 129, 178, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

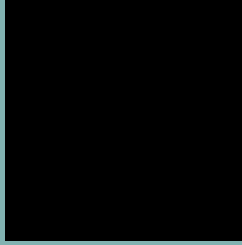
Any Text WCAG AA ✓ Pass

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 129, 178, 177 Background



This preview shows how black text looks on a background with the RGB color 129, 178, 177.



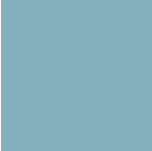
This preview shows how white text looks on a background with the RGB color 129, 178, 177.

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
132, 176, 190

Trichromacy



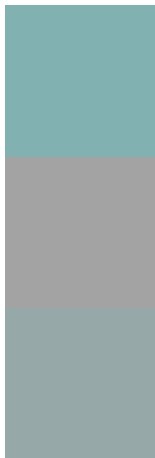
Original Color
129, 178, 177

Protanomaly
156, 172, 173

Deuteranomaly
161, 169, 179

Tritanomaly
131, 177, 185

Monochromacy



Original Color
129, 178, 177

Achromatopsia
163, 163, 163

Achromatomaly
151, 168, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 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(129, 178, 177)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 178, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 178, 177) }
```

Border

The CSS property to change the border of an element to RGB 129, 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(129, 178, 177) }
```

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

```
.border{ border-color:rgb(129, 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(129, 178, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 178, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 178, 177);  
box-shadow:4px 4px 4px 4px rgb(129, 178,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 129, 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(129, 178, 177) }
```

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

```
.background{ background-color: rgb(129,  
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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