

Converting Colors

RGB(129, 177, 187)

Have a look what the booklet for
RGB(129, 177, 187) contains.

RGB(129, 177, 187)	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, 177, 187)

Conversions

Conversions Part 1

Format	Color
Hex	81B1BB
RGB	129, 177, 187
RGB Percent	51%, 69%, 73%
CMY	0.4941, 0.3059, 0.2667
CMYK	0.31, 0.05, 0.00, 0.27
HSL	190°, 30%, 62%
HSV	190°, 31%, 73%
XYZ	33.7450, 39.6993, 52.8979
YIQ	163.7880, -31.8180, -7.0660

Conversions

Conversions Part 2

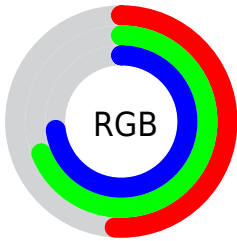
Format	Color
RYB	129, 155, 187
Decimal	8499643
CIELab	69.25, -13.43, -10.23
CIElCh	69, 16.886, 217.308
Yxy	39.6993, 0.2671, 0.3142
Android (android.graphics.Color)	4286689723 (0xFF81B1BB)
YUV	163.7880, 11.4435, -30.5091
Hunter-Lab	63.0074, -14.6631, -5.6718

Details

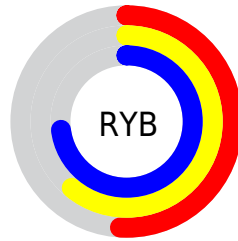
The RGB color **129, 177, 187** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **187, 139, 129**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **183, 233, 243**, and **77, 124, 134** is the 20% darker color. If you saturate the color by 10%, you get **110, 174, 187**, and if you desaturate by 10%, it is **148, 180, 187**.

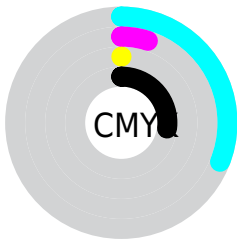
Distribution



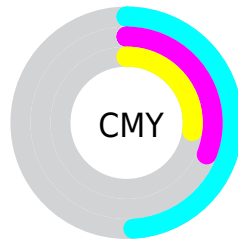
- Red (51%)
- Green (69%)
- Blue (73%)



- Red (51%)
- Yellow (61%)
- Blue (73%)



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



- Cyan (49%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 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 129, 177, 187 by changing the saturation by 10% instead.


 129, 177, 187


255, 255, 255


 183, 233, 243

 212, 255, 255

 240, 255, 255

 129, 177, 187

 103, 150, 160

 77, 124, 134

 52, 99, 109

 25, 75, 84


 0, 53, 61

 0, 31, 39

 0, 1, 19

 0, 0, 0

 129, 177, 187

 129, 177, 187

■ 110, 174, 187

■ 148, 180, 187

■ 92, 171, 187

■ 166, 183, 187

■ 73, 167, 187

■ 185, 187, 187

■ 54, 164, 187

■ 204, 190, 187

■ 35, 161, 187

■ 223, 193, 187

■ 17, 158, 187

■ 241, 196, 187

■ 0, 155, 187

■ 255, 200, 187

■ 255, 203, 187

■ 255, 206, 187

Harmonies

Analogous

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



131, 178, 172



129, 177, 187



139, 174, 197

Triad

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



129, 177, 187



192, 160, 181



177, 169, 139

Complementary

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



129, 177, 187



187, 139, 129

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.



192, 164, 141



129, 177, 187



201, 158, 166

Square

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



129, 177, 187



177, 164, 193



200, 160, 151



160, 174, 145

Rectangle

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



129, 177, 187



150, 171, 199



200, 160, 151



183, 168, 139

Sweetspot

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



129, 177, 187



220, 238, 242



129, 187, 139



109, 120, 122



250, 250, 250



122, 122, 122

Same Dimension

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



129, 177, 187



153, 227, 242



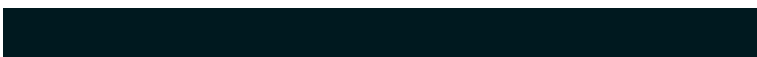
129, 148, 187



85, 93, 94



0, 131, 158



0, 25, 31

Inverse Universe

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



187, 129, 177



242, 153, 227



187, 168, 129



94, 85, 93



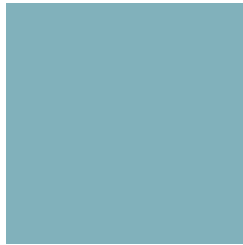
158, 0, 131



31, 0, 25

Previews

White Background



This preview shows how the RGB color 129, 177, 187 looks on a white background.

Color Contrast Check

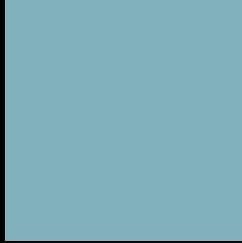
Large Text (above 18pt) WCAG AA × Fail

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 129, 177, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

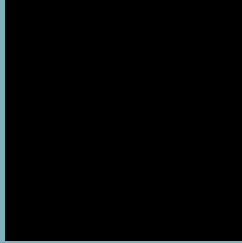
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

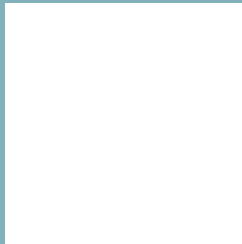
Any Text WCAG AAA ✓ Pass

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

RGB 129, 177, 187 Background



This preview shows how black text looks on a background with the RGB color 129, 177, 187.

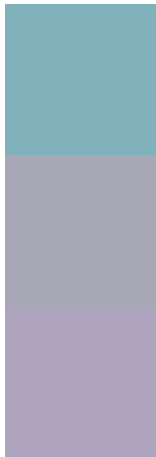


This preview shows how white text looks on a background with the RGB color 129, 177, 187.

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](#).

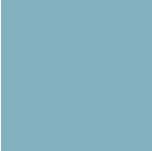
Dichromacy



Original Color
129, 177, 187

Protanopia
168, 167, 181

Deuteranopia
175, 164, 190



Tritanopia
130, 176, 191

Trichromacy



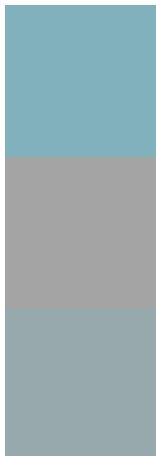
Original Color
129, 177, 187

Protanomaly
154, 171, 183

Deuteranomaly
158, 169, 189

Tritanomaly
130, 176, 190

Monochromacy



Original Color
129, 177, 187

Achromatopsia
164, 164, 164

Achromatomaly
151, 169, 172

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 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(129, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(129, 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(129, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 187) }
```

Border

The CSS property to change the border of an element to RGB 129, 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(129, 177, 187) }
```

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

```
.border{ border-color:rgb(129, 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(129, 177, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(129, 177,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 129, 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(129, 177, 187) }
```

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

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

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor