

Converting Colors

RGB(127, 197, 181)

Have a look what the booklet for
RGB(127, 197, 181) contains.

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Color

RGB(127, 197, 181)

Conversions

Conversions Part 1

Format	Color
Hex	7FC5B5
RGB	127, 197, 181
RGB Percent	50%, 77%, 71%
CMY	0.5020, 0.2275, 0.2902
CMYK	0.36, 0.00, 0.08, 0.23
HSL	166°, 38%, 64%
HSV	166°, 36%, 77%
XYZ	37.0591, 47.7807, 50.9854
YIQ	174.2460, -36.5840, -19.8160

Conversions

Conversions Part 2

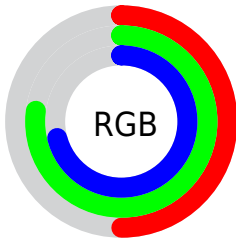
Format	Color
RYB	127, 167, 197
Decimal	8373685
CIELab	74.69, -25.61, 1.05
CIELCh	75, 25.634, 177.656
Yxy	47.7807, 0.2728, 0.3518
Android (android.graphics.Color)	4286563765 (0xFF7FC5B5)
YUV	174.2460, 3.3297, -41.4347
Hunter-Lab	69.1236, -25.2674, 4.6543

Details

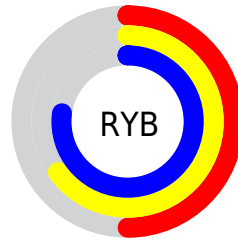
The RGB color **127, 197, 181** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **197, 127, 143**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **182, 254, 237**, and **74, 143, 128** is the 20% darker color. If you saturate the color by 10%, you get **107, 197, 176**, and if you desaturate by 10%, it is **147, 197, 186**.

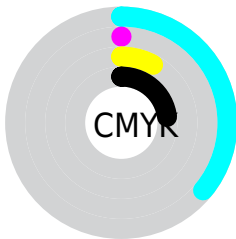
Distribution



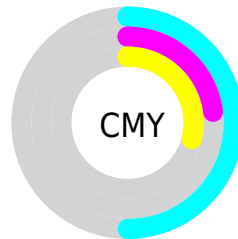
- Red (50%)
- Green (77%)
- Blue (71%)



- Red (50%)
- Yellow (65%)
- Blue (77%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 197, 181 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 127, 197, 181 by changing the saturation by 10% instead.

 127, 197, 181


255, 255, 255


 182, 254, 237


 210, 255, 255

 239, 255, 255

 127, 197, 181

 100, 170, 154

 74, 143, 128

 47, 117, 103


 15, 92, 79


 0, 68, 56

 0, 45, 35


 0, 25, 13


 0, 0, 0

 127, 197, 181


 127, 197, 181

 107, 197, 176


 147, 197, 186

 88, 197, 172


 166, 197, 190

 68, 197, 167

 186, 197, 195


 48, 197, 163

 206, 197, 199

 28, 197, 158

 226, 197, 204

 9, 197, 154

 245, 197, 208

 0, 197, 152

 255, 197, 213

 255, 197, 217

 255, 197, 222

Harmonies

Analogous

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



151, 194, 158



127, 197, 181



115, 197, 205

Triad

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



127, 197, 181



185, 178, 225



222, 174, 145

Complementary

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



127, 197, 181



197, 127, 143

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.



232, 168, 163



127, 197, 181



212, 171, 209

Square

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



127, 197, 181



153, 186, 230



229, 167, 187



203, 182, 137

Rectangle

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



127, 197, 181



119, 194, 218



229, 167, 187



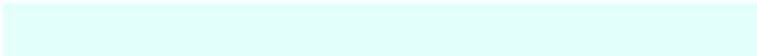
227, 172, 150

Sweetspot

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



127, 197, 181



227, 255, 249



143, 197, 127



111, 128, 124



0, 0, 0



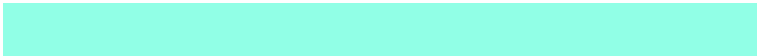
128, 128, 128

Same Dimension

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



127, 197, 181



145, 255, 230



127, 178, 197



90, 99, 97



0, 163, 126



0, 36, 28

Inverse Universe

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



197, 127, 143



255, 145, 170



197, 146, 127



99, 90, 92



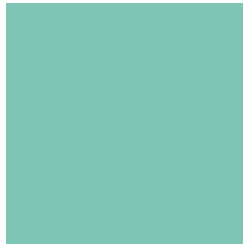
163, 0, 37



36, 0, 8

Previews

White Background



This preview shows how the RGB color 127, 197, 181 looks on a white background.

Color Contrast Check

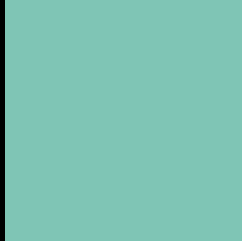
Large Text (above 18pt) WCAG AA × Fail

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 127, 197, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

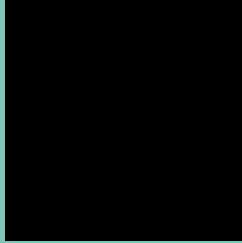
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

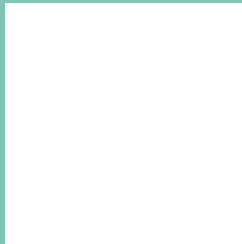
Any Text WCAG AAA ✓ Pass

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

RGB 127, 197, 181 Background



This preview shows how black text looks on a background with the RGB color 127, 197, 181.

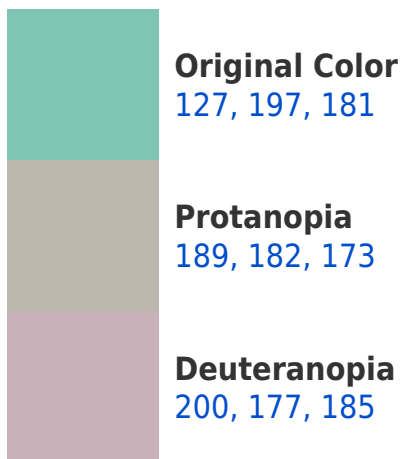


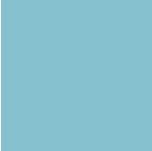
This preview shows how white text looks on a background with the RGB color 127, 197, 181.

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
134, 193, 208

Trichromacy



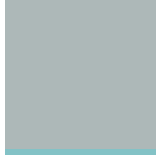
Original Color

127, 197, 181



Protanomaly

166, 187, 176



Deuteranomaly

173, 184, 184



Tritanomaly

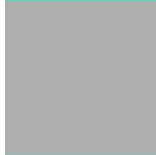
131, 194, 198

Monochromacy



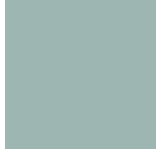
Original Color

127, 197, 181



Achromatopsia

174, 174, 174



Achromatomaly

157, 182, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 197, 181 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(127, 197, 181)` looks like.

```
.text, #text, p{  
    color:rgb(127, 197, 181)  
}
```

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(127, 197, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 197, 181) }
```

Border

The CSS property to change the border of an element to RGB 127, 197, 181 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(127, 197, 181) }
```

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

```
.border{ border-color:rgb(127, 197, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 197, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 197, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 197, 181); box-shadow:4px 4px 4px 4px rgb(127, 197, 181) }
```

Background

The CSS property to change the background color of an element to RGB 127, 197, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 197, 181) }
```

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

```
.background{ background-color: rgb(127,  
197, 181) }
```

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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