

Converting Colors

RGB(127, 190, 172)

Have a look what the booklet for
RGB(127, 190, 172) contains.

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Color

RGB(127, 190, 172)

Conversions

Conversions Part 1

Format	Color
Hex	7FBEAC
RGB	127, 190, 172
RGB Percent	50%, 75%, 67%
CMY	0.5020, 0.2549, 0.3255
CMYK	0.33, 0.00, 0.09, 0.25
HSL	163°, 33%, 62%
HSV	163°, 33%, 75%
XYZ	34.6122, 44.3175, 45.7596
YIQ	169.1110, -31.7700, -18.9540

Conversions

Conversions Part 2

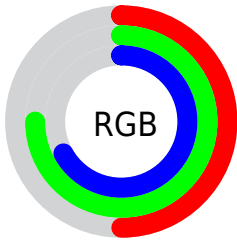
Format	Color
RYB	127, 164, 190
Decimal	8371884
CIELab	72.44, -24.15, 2.67
CIELCh	72, 24.301, 173.682
Yxy	44.3175, 0.2776, 0.3554
Android (android.graphics.Color)	4286561964 (0xFF7FBEAC)
YUV	169.1110, 1.4243, -36.9313
Hunter-Lab	66.5714, -23.6930, 5.8454

Details

The RGB color **127, 190, 172** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **190, 127, 145**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **182, 247, 227**, and **75, 136, 120** is the 20% darker color. If you saturate the color by 10%, you get **108, 190, 167**, and if you desaturate by 10%, it is **146, 190, 177**.

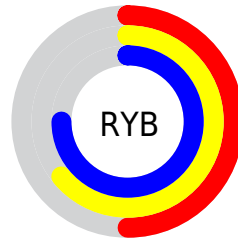
Distribution



Red (50%)

Green (75%)

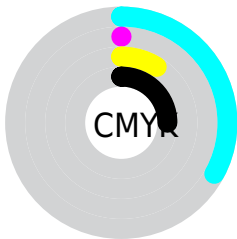
Blue (67%)



Red (50%)

Yellow (64%)

Blue (75%)

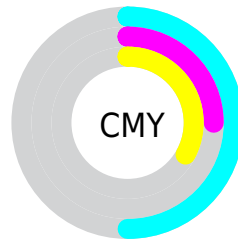


Cyan (33%)

Magenta (0%)

Yellow (9%)

Black (25%)



Cyan (50%)

Magenta (25%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 190, 172 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, 190, 172 by changing the saturation by 10% instead.

 127, 190, 172


255, 255, 255


 182, 247, 227


 210, 255, 255


 239, 255, 255

 127, 190, 172

 101, 163, 145

 75, 136, 120

 49, 111, 95


 21, 86, 71


 0, 62, 49

 0, 40, 28

 0, 16, 2


 0, 0, 0

 127, 190, 172


 127, 190, 172


 108, 190, 167


 146, 190, 177

 89, 190, 161


 165, 190, 183

 70, 190, 156


 184, 190, 188


 51, 190, 150

 203, 190, 194

 32, 190, 145

 222, 190, 199

 13, 190, 139

 241, 190, 205

 0, 190, 136

 255, 190, 210

 255, 190, 215

 255, 190, 221

Harmonies

Analogous

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



150, 187, 151



127, 190, 172



114, 190, 195

Triad

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



127, 190, 172



175, 174, 218



216, 167, 143

Complementary

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



127, 190, 172



190, 127, 145

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.



223, 163, 161



127, 190, 172



202, 166, 204

Square

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



127, 190, 172



145, 181, 221



219, 162, 183



199, 175, 134

Rectangle

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



127, 190, 172



116, 188, 208



219, 162, 183



219, 165, 148

Sweetspot

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



127, 190, 172



223, 247, 240



146, 190, 127



110, 125, 121



252, 252, 252



125, 125, 125

Same Dimension

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



127, 190, 172



148, 247, 219



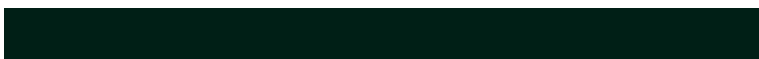
127, 177, 190



85, 94, 92



0, 158, 113



0, 31, 22

Inverse Universe

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



190, 127, 145



247, 148, 177



190, 140, 127



94, 85, 88



158, 0, 45



31, 0, 9

Previews

White Background



This preview shows how the RGB color 127, 190, 172 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, 190, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

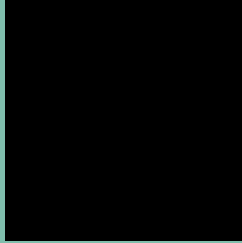
Any Text WCAG AA ✓ Pass

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, 190, 172 Background



This preview shows how black text looks on a background with the RGB color 127, 190, 172.

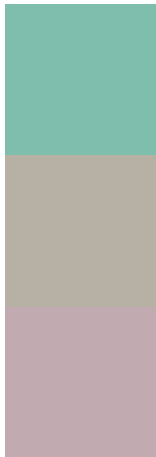


This preview shows how white text looks on a background with the RGB color 127, 190, 172.

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](#).

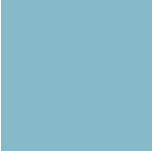
Dichromacy



Original Color
127, 190, 172

Protanopia
183, 176, 164

Deuteranopia
194, 171, 176



Tritanopia
134, 186, 201

Trichromacy



Original Color
127, 190, 172

Protanomaly
163, 181, 167

Deuteranomaly
170, 178, 175

Tritanomaly
131, 187, 190

Monochromacy



Original Color
127, 190, 172

Achromatopsia
169, 169, 169

Achromatomaly
154, 177, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 190, 172 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, 190, 172)` looks like.

```
.text, #text, p{  
    color:rgb(127, 190, 172)  
}
```

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, 190, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 190, 172) }
```

Border

The CSS property to change the border of an element to RGB 127, 190, 172 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, 190, 172) }
```

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

```
.border{ border-color:rgb(127, 190, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 190, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 190, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 190, 172);  
box-shadow:4px 4px 4px 4px rgb(127, 190,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 127, 190, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 190, 172) }
```

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

```
.background{ background-color: rgb(127,  
190, 172) }
```

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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