

Converting Colors

RGB(117, 200, 189)

Have a look what the booklet for
RGB(117, 200, 189) contains.

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Color

RGB(117, 200, 189)

Conversions

Conversions Part 1

Format	Color
Hex	75C8BD
RGB	117, 200, 189
RGB Percent	46%, 78%, 74%
CMY	0.5412, 0.2157, 0.2588
CMYK	0.42, 0.00, 0.05, 0.22
HSL	172°, 43%, 62%
HSV	172°, 42%, 78%
XYZ	37.1757, 48.7646, 55.5973
YIQ	173.9290, -45.9370, -21.0170

Conversions

Conversions Part 2

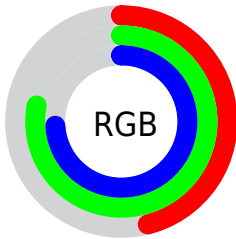
Format	Color
RYB	117, 161, 200
Decimal	7719101
CIELab	75.30, -27.89, -2.43
CIElCh	75, 28.001, 184.986
Yxy	48.7646, 0.2627, 0.3445
Android (android.graphics.Color)	4285909181 (0xFF75C8BD)
YUV	173.9290, 7.4300, -49.9267
Hunter-Lab	69.8316, -27.1788, 1.6777

Details

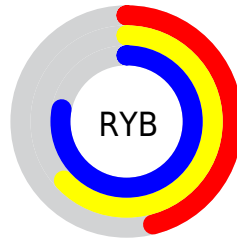
The RGB color **117, 200, 189** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **200, 117, 128**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **173, 255, 245**, and **61, 146, 136** is the 20% darker color. If you saturate the color by 10%, you get **97, 200, 186**, and if you desaturate by 10%, it is **137, 200, 192**.

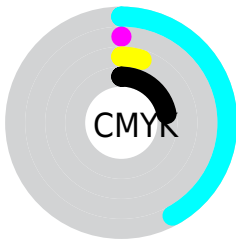
Distribution



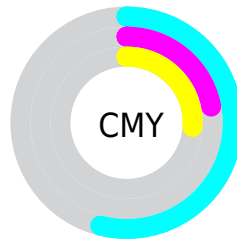
- Red (46%)
- Green (78%)
- Blue (74%)



- Red (46%)
- Yellow (63%)
- Blue (78%)



- Cyan (42%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 200, 189 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 117, 200, 189 by changing the saturation by 10% instead.

 117, 200, 189


255, 255, 255


 173, 255, 245


 202, 255, 255


 231, 255, 255

 117, 200, 189

 89, 172, 162

 61, 146, 136

 29, 120, 110

 0, 95, 86

 0, 70, 63

 0, 47, 41

 0, 28, 21

 0, 0, 0

 117, 200, 189

 117, 200, 189

■ 97, 200, 186

■ 137, 200, 192

■ 77, 200, 184

■ 157, 200, 194

■ 57, 200, 181

■ 177, 200, 197

■ 37, 200, 178

■ 197, 200, 200

■ 17, 200, 176

■ 217, 200, 202

■ 0, 200, 173

■ 237, 200, 205

■ 255, 200, 208

■ 255, 200, 210

■ 255, 200, 213

Harmonies

Analogous

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



142, 198, 163



117, 200, 189



108, 199, 214

Triad

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



117, 200, 189



195, 177, 228



223, 176, 139

Complementary

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



117, 200, 189



200, 117, 128

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.



236, 169, 157



117, 200, 189



222, 170, 208

Square

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



117, 200, 189



159, 186, 236



236, 167, 182



200, 185, 134

Rectangle

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



117, 200, 189



117, 196, 227



236, 167, 182



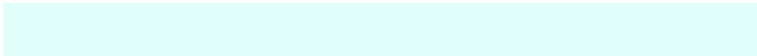
228, 174, 144

Sweetspot

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



117, 200, 189



224, 255, 251



128, 200, 117



110, 128, 125



0, 0, 0



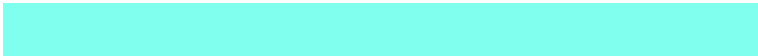
128, 128, 128

Same Dimension

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



117, 200, 189



128, 255, 238



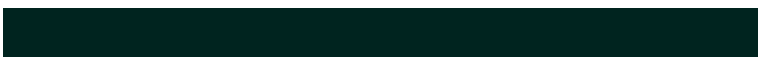
117, 170, 200



90, 99, 98



0, 163, 142



0, 36, 31

Inverse Universe

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



200, 117, 128



255, 128, 144



200, 147, 117



99, 90, 91



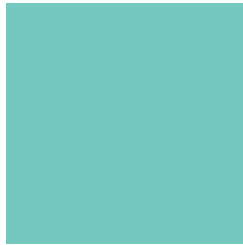
163, 0, 22



36, 0, 5

Previews

White Background



This preview shows how the RGB color 117, 200, 189 looks on a white background.

Color Contrast Check

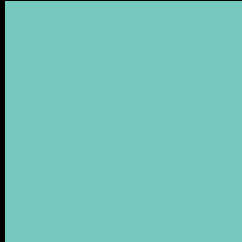
Large Text (above 18pt) WCAG AA × Fail

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 117, 200, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

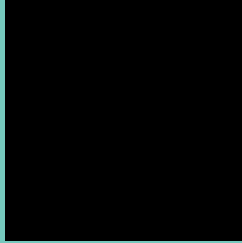
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

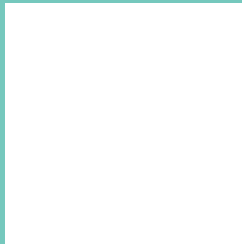
Any Text WCAG AAA ✓ Pass

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

RGB 117, 200, 189 Background



This preview shows how black text looks on a background with the RGB color 117, 200, 189.

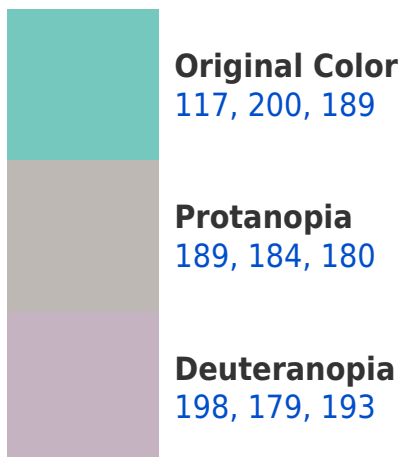


This preview shows how white text looks on a background with the RGB color 117, 200, 189.

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
123, 197, 212

Trichromacy



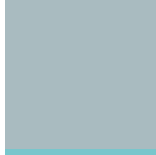
Original Color

117, 200, 189



Protanomaly

163, 190, 183



Deuteranomaly

169, 187, 192



Tritanomaly

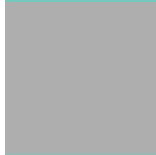
121, 198, 204

Monochromacy



Original Color

117, 200, 189



Achromatopsia

174, 174, 174



Achromatomaly

153, 183, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 200, 189 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(117, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(117, 200, 189)  
}
```

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(117, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 200, 189) }
```

Border

The CSS property to change the border of an element to RGB 117, 200, 189 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(117, 200, 189) }
```

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

```
.border{ border-color:rgb(117, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(117, 200,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 117, 200, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 200, 189) }
```

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

```
.background{ background-color: rgb(117,  
200, 189) }
```

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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