

Converting Colors

RGB(125, 189, 176)

Have a look what the booklet for
RGB(125, 189, 176) contains.

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Color

RGB(125, 189, 176)

Conversions

Conversions Part 1

Format	Color
Hex	7DBDB0
RGB	125, 189, 176
RGB Percent	49%, 74%, 69%
CMY	0.5098, 0.2588, 0.3098
CMYK	0.34, 0.00, 0.07, 0.26
HSL	168°, 33%, 62%
HSV	168°, 34%, 74%
XYZ	34.4915, 43.8898, 47.7280
YIQ	168.3820, -33.9710, -17.6110

Conversions

Conversions Part 2

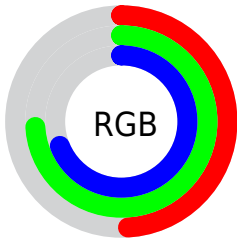
Format	Color
RYB	125, 161, 189
Decimal	8240560
CIELab	72.15, -23.34, 0.06
CIELCh	72, 23.339, 179.842
Yxy	43.8898, 0.2735, 0.3480
Android (android.graphics.Color)	4286430640 (0xFF7DBDB0)
YUV	168.3820, 3.7557, -38.0460
Hunter-Lab	66.2493, -23.0036, 3.6603

Details

The RGB color **125, 189, 176** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **189, 125, 138**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **180, 245, 232**, and **72, 135, 124** is the 20% darker color. If you saturate the color by 10%, you get **106, 189, 172**, and if you desaturate by 10%, it is **144, 189, 180**.

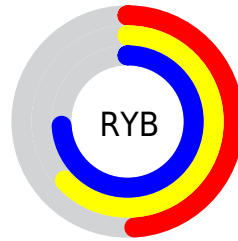
Distribution



Red (49%)

Green (74%)

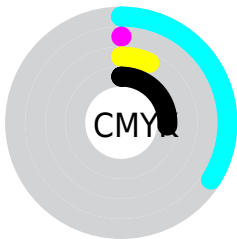
Blue (69%)



Red (49%)

Yellow (63%)

Blue (74%)

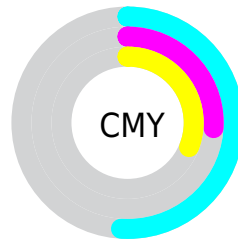


Cyan (34%)

Magenta (0%)

Yellow (7%)

Black (26%)



Cyan (51%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 189, 176 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 125, 189, 176 by changing the saturation by 10% instead.

 125, 189, 176


255, 255, 255


 180, 245, 232

 208, 255, 255

 237, 255, 255

 125, 189, 176

 99, 162, 149

 72, 135, 124

 46, 110, 99

 16, 85, 75

 0, 62, 52

 0, 39, 31

 0, 14, 7


 0, 0, 0


 125, 189, 176


 125, 189, 176


 106, 189, 172


 144, 189, 180


 87, 189, 168


 163, 189, 184


 68, 189, 164

 182, 189, 188

 49, 189, 161

 201, 189, 191

 30, 189, 157

 220, 189, 195

 12, 189, 153

 238, 189, 199

 0, 189, 151

 255, 189, 203

 255, 189, 207

 255, 189, 211

Harmonies

Analogous

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



146, 187, 155



125, 189, 176



116, 188, 197

Triad

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



125, 189, 176



180, 171, 214



211, 168, 141

Complementary

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



125, 189, 176



189, 125, 138

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.



220, 163, 157



125, 189, 176



204, 165, 199

Square

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



125, 189, 176



151, 179, 219



218, 162, 178



193, 175, 134

Rectangle

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



125, 189, 176



121, 186, 209



218, 162, 178



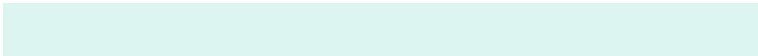
215, 166, 145

Sweetspot

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



125, 189, 176



220, 245, 240



139, 189, 125



108, 122, 119



250, 250, 250



122, 122, 122

Same Dimension

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



125, 189, 176



144, 245, 224



125, 171, 189



85, 94, 92



0, 158, 126



0, 31, 24

Inverse Universe

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



189, 125, 138



245, 144, 165



189, 143, 125



94, 85, 87



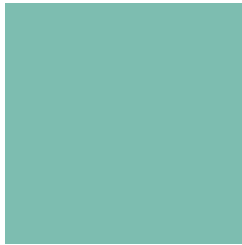
158, 0, 32



31, 0, 6

Previews

White Background



This preview shows how the RGB color 125, 189, 176 looks on a white background.

Color Contrast Check

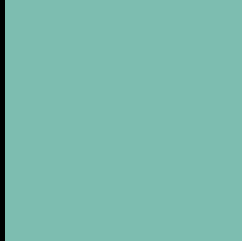
Large Text (above 18pt) WCAG AA × Fail

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 125, 189, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

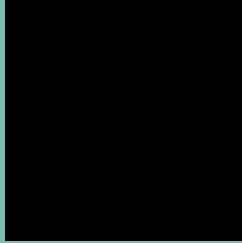
Any Text WCAG AA ✓ Pass

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 125, 189, 176 Background



This preview shows how black text looks on a background with the RGB color 125, 189, 176.

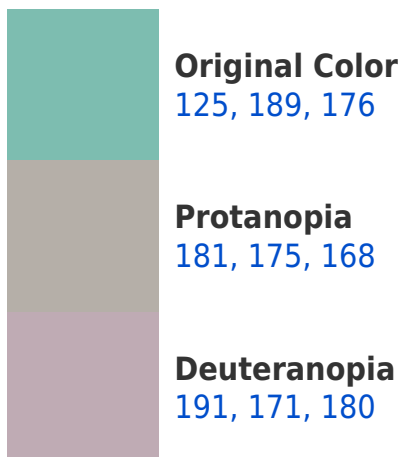


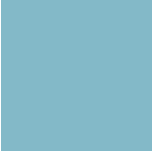
This preview shows how white text looks on a background with the RGB color 125, 189, 176.

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](#).

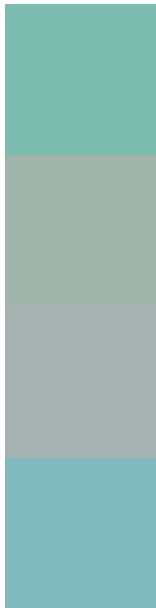
Dichromacy





Tritanopia
131, 185, 200

Trichromacy



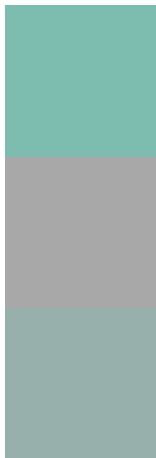
Original Color
125, 189, 176

Protanomaly
161, 180, 171

Deuteranomaly
167, 178, 179

Tritanomaly
129, 186, 191

Monochromacy



Original Color
125, 189, 176

Achromatopsia
168, 168, 168

Achromatomaly
152, 176, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 189, 176 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(125, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(125, 189, 176)  
}
```

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(125, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 189, 176) }
```

Border

The CSS property to change the border of an element to RGB 125, 189, 176 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(125, 189, 176) }
```

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

```
.border{ border-color:rgb(125, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(125, 189,  
176) }
```

Background

The CSS property to change the background color of an element to RGB 125, 189, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 189, 176) }
```

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

```
.background{ background-color: rgb(125,  
189, 176) }
```

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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