

Converting Colors

RGB(127, 185, 173)

Have a look what the booklet for
RGB(127, 185, 173) contains.

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Color

RGB(127, 185, 173)

Conversions

Conversions Part 1

Format	Color
Hex	7FB9AD
RGB	127, 185, 173
RGB Percent	50%, 73%, 68%
CMY	0.5020, 0.2745, 0.3216
CMYK	0.31, 0.00, 0.06, 0.27
HSL	168°, 29%, 61%
HSV	168°, 31%, 73%
XYZ	33.6442, 42.2271, 45.9126
YIQ	166.2900, -30.7160, -16.0280

Conversions

Conversions Part 2

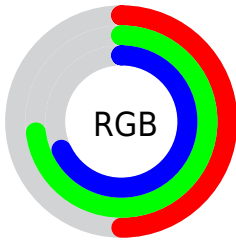
Format	Color
RYB	127, 159, 185
Decimal	8370605
CIELab	71.03, -21.42, 0.07
CIElCh	71, 21.424, 179.809
Yxy	42.2271, 0.2763, 0.3467
Android (android.graphics.Color)	4286560685 (0xFF7FB9AD)
YUV	166.2900, 3.3080, -34.4573
Hunter-Lab	64.9824, -21.3020, 3.5970

Details

The RGB color **127, 185, 173** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **185, 127, 139**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **181, 241, 228**, and **75, 132, 121** is the 20% darker color. If you saturate the color by 10%, you get **109, 185, 169**, and if you desaturate by 10%, it is **146, 185, 177**.

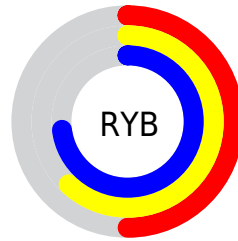
Distribution



Red (50%)

Green (73%)

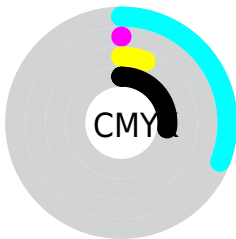
Blue (68%)



Red (50%)

Yellow (62%)

Blue (73%)

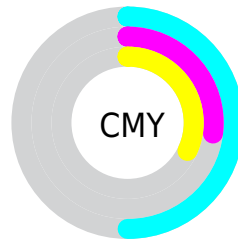


Cyan (31%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (50%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 185, 173 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, 185, 173 by changing the saturation by 10% instead.

 127, 185, 173


255, 255, 255


 181, 241, 228


 210, 255, 255

 238, 255, 255

 127, 185, 173

 101, 158, 146

 75, 132, 121

 50, 106, 96


 22, 82, 72


 0, 59, 50

 0, 37, 29

 0, 7, 3

 0, 0, 0

 127, 185, 173

 127, 185, 173

■ 109, 185, 169

■ 146, 185, 177

■ 90, 185, 165

■ 164, 185, 181

■ 72, 185, 162

■ 183, 185, 184

■ 53, 185, 158

■ 201, 185, 188

■ 35, 185, 154

■ 220, 185, 192

■ 16, 185, 150

■ 238, 185, 196

■ 0, 185, 147

■ 255, 185, 200

■ 255, 185, 204

■ 255, 185, 207

Harmonies

Analogous

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



145, 183, 154



127, 185, 173



119, 184, 192

Triad

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



127, 185, 173



177, 169, 208



205, 166, 141

Complementary

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



127, 185, 173



185, 127, 139

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.



214, 161, 155



127, 185, 173



199, 163, 194

Square

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



127, 185, 173



151, 176, 212



212, 160, 175



189, 172, 135

Rectangle

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



127, 185, 173



124, 183, 203



212, 160, 175



209, 164, 145

Sweetspot

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



127, 185, 173



218, 240, 235



140, 185, 127



107, 120, 117



247, 247, 247



120, 120, 120

Same Dimension

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



127, 185, 173



149, 240, 221



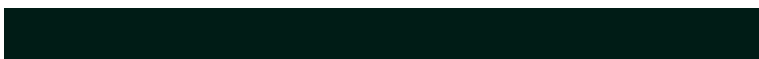
127, 169, 185



83, 92, 90



0, 156, 123



0, 28, 22

Inverse Universe

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



185, 127, 139



240, 149, 167



185, 143, 127



92, 83, 85



156, 0, 32



28, 0, 6

Previews

White Background



This preview shows how the RGB color 127, 185, 173 looks on a white background.

Color Contrast Check

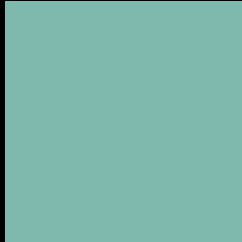
Large Text (above 18pt) WCAG AA × Fail

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, 185, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

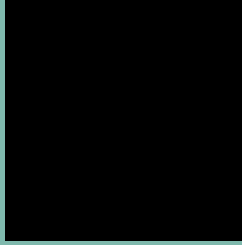
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

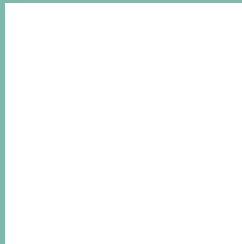
Any Text WCAG AAA ✓ Pass

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

RGB 127, 185, 173 Background



This preview shows how black text looks on a background with the RGB color 127, 185, 173.

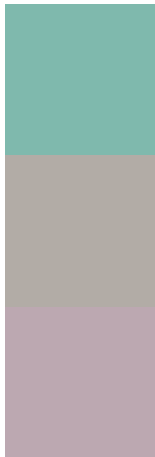


This preview shows how white text looks on a background with the RGB color 127, 185, 173.

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](#).

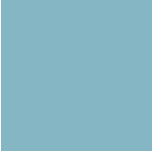
Dichromacy



Original Color
127, 185, 173

Protanopia
178, 172, 166

Deuteranopia
188, 168, 177



Tritanopia
132, 182, 196

Trichromacy



Original Color
127, 185, 173

Protanomaly
159, 177, 169

Deuteranomaly
166, 174, 176

Tritanomaly
130, 183, 188

Monochromacy



Original Color
127, 185, 173

Achromatopsia
166, 166, 166

Achromatomaly
152, 173, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 185, 173 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, 185, 173)` looks like.

```
.text, #text, p{  
  color:rgb(127, 185, 173)  
}
```

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, 185, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 185, 173) }
```

Border

The CSS property to change the border of an element to RGB 127, 185, 173 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, 185, 173) }
```

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

```
.border{ border-color:rgb(127, 185, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 185, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 185, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 185, 173);  
box-shadow:4px 4px 4px 4px rgb(127, 185,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 127, 185, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 185, 173) }
```

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

```
.background{ background-color: rgb(127,  
185, 173) }
```

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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