

Converting Colors

RGB(87, 173, 140)

Have a look what the booklet for
RGB(87, 173, 140) contains.

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Color

RGB(87, 173, 140)

Conversions

Conversions Part 1

Format	Color
Hex	57AD8C
RGB	87, 173, 140
RGB Percent	34%, 68%, 55%
CMY	0.6588, 0.3216, 0.4510
CMYK	0.50, 0.00, 0.19, 0.32
HSL	157°, 34%, 51%
HSV	157°, 50%, 68%
XYZ	23.6077, 33.8068, 30.0921
YIQ	143.5240, -40.6630, -28.4950

Conversions

Conversions Part 2

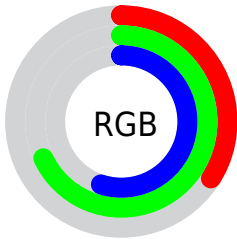
Format	Color
RYB	87, 140, 173
Decimal	5746060
CIELab	64.81, -34.02, 9.05
CIELCh	65, 35.200, 165.100
Yxy	33.8068, 0.2698, 0.3863
Android (android.graphics.Color)	4283936140 (0xFF57AD8C)
YUV	143.5240, -1.7373, -49.5715
Hunter-Lab	58.1436, -29.2762, 10.0152

Details

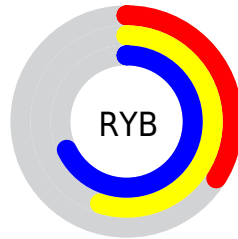
The RGB color **87, 173, 140** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **173, 87, 120**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **142, 229, 194**, and **28, 120, 90** is the 20% darker color. If you saturate the color by 10%, you get **70, 173, 133**, and if you desaturate by 10%, it is **104, 173, 147**.

Distribution



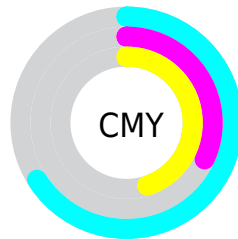
- Red (34%)
- Green (68%)
- Blue (55%)



- Red (34%)
- Yellow (55%)
- Blue (68%)



- Cyan (50%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)




- Cyan (66%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 87, 173, 140 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 87, 173, 140 by changing the saturation by 10% instead.

 87, 173, 140  87, 173, 140

255, 255, 255  59, 146, 114


 142, 229, 194  28, 120, 90

 170, 255, 221  0, 95, 66

 198, 255, 250  0, 70, 44

 227, 255, 255  0, 47, 24

 0, 25, 0

 0, 0, 0

 87, 173, 140  87, 173, 140

 70, 173, 133  104, 173, 147

■ 52, 173, 127

■ 122, 173, 153

■ 35, 173, 120

■ 139, 173, 160

■ 18, 173, 113

■ 156, 173, 167

■ 1, 173, 107

■ 174, 173, 173

■ 0, 173, 107

■ 191, 173, 180

■ 208, 173, 186

■ 225, 173, 193

■ 243, 173, 200

Harmonies

Analogous

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



127, 168, 112



87, 173, 140



42, 174, 173

Triad

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



87, 173, 140



138, 155, 218



212, 139, 114

Complementary

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



87, 173, 140



173, 87, 120

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.



219, 133, 142



87, 173, 140



181, 143, 202

Square

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



87, 173, 140



84, 165, 217



209, 135, 174



192, 150, 97

Rectangle

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



87, 173, 140



23, 173, 192



209, 135, 174



216, 137, 123

Sweetspot

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



87, 173, 140



191, 224, 211



121, 173, 87



92, 112, 104



240, 240, 240



112, 112, 112

Same Dimension

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



87, 173, 140



90, 224, 173



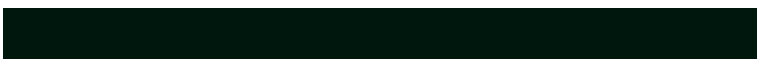
87, 164, 173



78, 87, 83



0, 150, 93



0, 23, 14

Inverse Universe

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



173, 87, 120



224, 90, 141



173, 96, 87



87, 78, 81



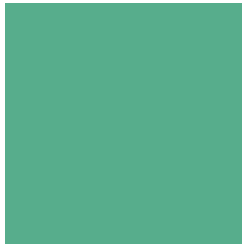
150, 0, 58



23, 0, 9

Previews

White Background



This preview shows how the RGB color 87, 173, 140 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 87, 173, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

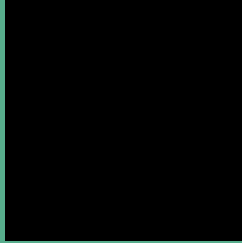
Any Text WCAG AA ✓ Pass

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 87, 173, 140 Background



This preview shows how black text looks on a background with the RGB color 87, 173, 140.



This preview shows how white text looks on a background with the RGB color 87, 173, 140.

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
87, 173, 140

Protanopia
165, 156, 131

Deuteranopia
176, 151, 145



Tritanopia
99, 167, 181

Trichromacy



Original Color

87, 173, 140

Protanomaly

137, 162, 134

Deuteranomaly

144, 159, 143

Tritanomaly

95, 169, 166

Monochromacy



Original Color

87, 173, 140

Achromatopsia

144, 144, 144

Achromatomaly

123, 155, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 87, 173, 140 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(87, 173, 140)` looks like.

```
.text, #text, p{  
    color:rgb(87, 173, 140)  
}
```

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(87, 173, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 173, 140) }
```

Border

The CSS property to change the border of an element to RGB 87, 173, 140 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(87, 173, 140) }
```

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

```
.border{ border-color:rgb(87, 173, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 173, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 173, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 173, 140);  
box-shadow:4px 4px 4px 4px rgb(87, 173,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 87, 173, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 173, 140) }
```

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

```
.background{ background-color: rgb(87, 173,  
140) }
```

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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