

Converting Colors

RGB(129, 177, 117)

Have a look what the booklet for
RGB(129, 177, 117) contains.

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Color

RGB(129, 177, 117)

Conversions

Conversions Part 1

Format	Color
Hex	81B175
RGB	129, 177, 117
RGB Percent	51%, 69%, 46%
CMY	0.4941, 0.3059, 0.5412
CMYK	0.27, 0.00, 0.34, 0.31
HSL	108°, 28%, 58%
HSV	108°, 34%, 69%
XYZ	27.9863, 37.3958, 22.5727
YIQ	155.8080, -9.3480, -28.8360

Conversions

Conversions Part 2

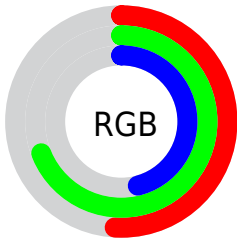
Format	Color
RYB	117, 177, 165
Decimal	8499573
CIELab	67.57, -27.59, 25.72
CIELCh	68, 37.720, 137.006
Yxy	37.3958, 0.3182, 0.4252
Android (android.graphics.Color)	4286689653 (0xFF81B175)
YUV	155.8080, -19.1323, -23.5106
Hunter-Lab	61.1521, -25.3255, 20.9211

Details

The RGB color **129, 177, 117** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **165, 117, 177**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **183, 233, 170**, and **78, 124, 68** is the 20% darker color. If you saturate the color by 10%, you get **115, 177, 99**, and if you desaturate by 10%, it is **143, 177, 135**.

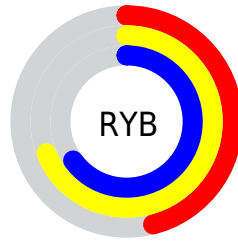
Distribution



Red (51%)

Green (69%)

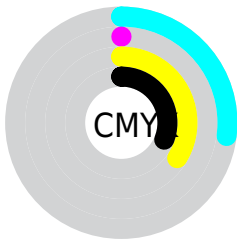
Blue (46%)



Red (46%)

Yellow (69%)

Blue (65%)

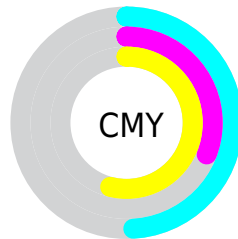


Cyan (27%)

Magenta (0%)

Yellow (34%)

Black (31%)



Cyan (49%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 177, 117 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 129, 177, 117 by changing the saturation by 10% instead.

 129, 177, 117

255, 255, 255


 183, 233, 170

 211, 255, 197


 240, 255, 225

255, 255, 254


 129, 177, 117

 115, 177, 99

 129, 177, 117

 103, 150, 92

 78, 124, 68

 53, 99, 45

 28, 75, 22


 2, 52, 0

 0, 32, 0


 0, 0, 0


 129, 177, 117

 143, 177, 135

 101, 177, 82

 157, 177, 152


 87, 177, 64


 171, 177, 170

 72, 177, 46

 186, 177, 188

 58, 177, 29


 200, 177, 206

 44, 177, 11

 214, 177, 223

 35, 177, 0

 228, 177, 241

 242, 177, 255

 255, 177, 255

Harmonies

Analogous

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



167, 169, 98



129, 177, 117



85, 182, 148

Triad

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



129, 177, 117



87, 172, 230



231, 139, 146

Complementary

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



129, 177, 117



165, 117, 177

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.



221, 140, 181



129, 177, 117



146, 161, 229

Square

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



129, 177, 117



13, 180, 213



192, 149, 211



223, 146, 116

Rectangle

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



129, 177, 117



49, 183, 172



192, 149, 211



230, 138, 158

Sweetspot

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



129, 177, 117



211, 230, 207



177, 165, 117



104, 115, 101



242, 242, 242



115, 115, 115

Same Dimension

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



129, 177, 117



154, 230, 135



117, 177, 135



82, 89, 80



31, 153, 0



5, 26, 0

Inverse Universe

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



165, 117, 177



211, 135, 230



177, 117, 159



87, 80, 89



122, 0, 153



20, 0, 26

Previews

White Background



This preview shows how the RGB color 129, 177, 117 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 129, 177, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

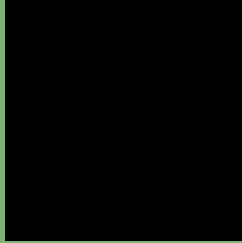
Any Text WCAG AA ✓ Pass

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 129, 177, 117 Background



This preview shows how black text looks on a background with the RGB color 129, 177, 117.

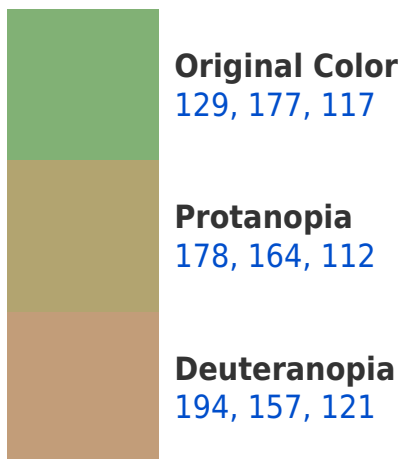


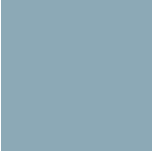
This preview shows how white text looks on a background with the RGB color 129, 177, 117.

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
140, 169, 182

Trichromacy



Original Color
129, 177, 117

Protanomaly
160, 169, 114

Deuteranomaly
170, 164, 120

Tritanomaly
136, 172, 158

Monochromacy



Original Color
129, 177, 117

Achromatopsia
156, 156, 156

Achromatomaly
146, 164, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 177, 117 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(129, 177, 117)` looks like.

```
.text, #text, p{  
    color:rgb(129, 177, 117)  
}
```

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(129, 177, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 117) }
```

Border

The CSS property to change the border of an element to RGB 129, 177, 117 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(129, 177, 117) }
```

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

```
.border{ border-color:rgb(129, 177, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 177, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 177, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 177, 117);  
box-shadow:4px 4px 4px 4px rgb(129, 177,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 129, 177, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 177, 117) }
```

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

```
.background{ background-color: rgb(129,  
177, 117) }
```

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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