

Converting Colors

RGB(130, 177, 117)

Have a look what the booklet for
RGB(130, 177, 117) contains.

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Color

RGB(130, 177, 117)

Conversions

Conversions Part 1

Format	Color
Hex	82B175
RGB	130, 177, 117
RGB Percent	51%, 69%, 46%
CMY	0.4902, 0.3059, 0.5412
CMYK	0.27, 0.00, 0.34, 0.31
HSL	107°, 28%, 58%
HSV	107°, 34%, 69%
XYZ	28.1389, 37.4745, 22.5798
YIQ	156.1070, -8.7520, -28.6240

Conversions

Conversions Part 2

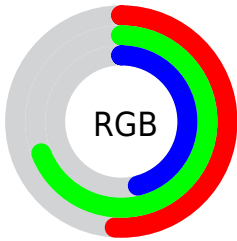
Format	Color
RYB	117, 177, 164
Decimal	8565109
CIELab	67.63, -27.24, 25.81
CIELCh	68, 37.525, 136.542
Yxy	37.4745, 0.3191, 0.4249
Android (android.graphics.Color)	4286755189 (0xFF82B175)
YUV	156.1070, -19.2798, -22.8958
Hunter-Lab	61.2164, -25.0787, 20.9822

Details

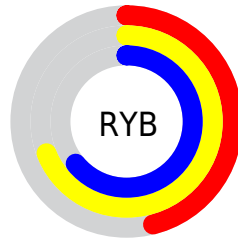
The RGB color **130, 177, 117** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **164, 117, 177**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **184, 233, 170**, and **79, 124, 68** is the 20% darker color. If you saturate the color by 10%, you get **116, 177, 99**, and if you desaturate by 10%, it is **144, 177, 135**.

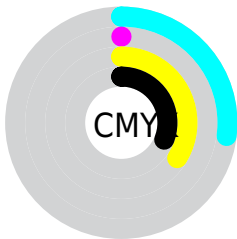
Distribution



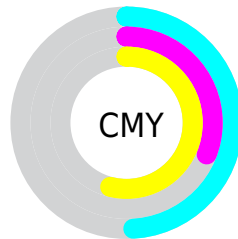
- Red (51%)
- Green (69%)
- Blue (46%)



- Red (46%)
- Yellow (69%)
- Blue (64%)



- Cyan (27%)
- Magenta (0%)
- Yellow (34%)
- Black (31%)




- Cyan (49%)
- Magenta (31%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 130, 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 130, 177, 117 by changing the saturation by 10% instead.

 130, 177, 117


255, 255, 255

 184, 233, 170


 212, 255, 197

 241, 255, 225

255, 255, 254

 130, 177, 117

 116, 177, 99

 130, 177, 117

 104, 150, 92

 79, 124, 68


 54, 99, 45


 29, 75, 22


 4, 52, 0

 0, 32, 0

 0, 0, 0

 130, 177, 117

 144, 177, 135

 102, 177, 82


 158, 177, 152

 88, 177, 64


 172, 177, 170

 75, 177, 46


 185, 177, 188

 61, 177, 29


 199, 177, 206

 47, 177, 11

 213, 177, 223

 38, 177, 0

 227, 177, 241

 241, 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.



168, 169, 99



130, 177, 117



86, 182, 148

Triad

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



130, 177, 117



87, 173, 230



231, 139, 147

Complementary

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



130, 177, 117



164, 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



130, 177, 117



146, 162, 229

Square

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



130, 177, 117



17, 180, 213



192, 149, 212



223, 146, 117

Rectangle

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



130, 177, 117



52, 183, 171



192, 149, 212



230, 138, 158

Sweetspot

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



130, 177, 117



212, 230, 207



177, 164, 117



104, 115, 101



242, 242, 242



115, 115, 115

Same Dimension

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



130, 177, 117



156, 230, 135



117, 177, 134



82, 89, 80



33, 153, 0



6, 26, 0

Inverse Universe

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



164, 117, 177



209, 135, 230



177, 117, 160



87, 80, 89



120, 0, 153



20, 0, 26

Previews

White Background



This preview shows how the RGB color 130, 177, 117 looks on a white background.

Color Contrast Check

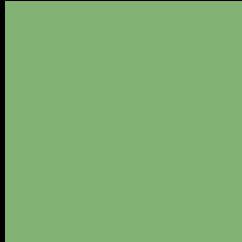
Large Text (above 18pt) WCAG AA × Fail

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 130, 177, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

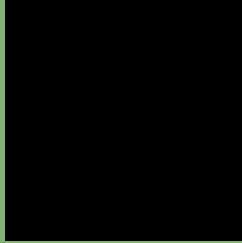
Any Text WCAG AA ✓ Pass

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 130, 177, 117 Background



This preview shows how black text looks on a background with the RGB color 130, 177, 117.

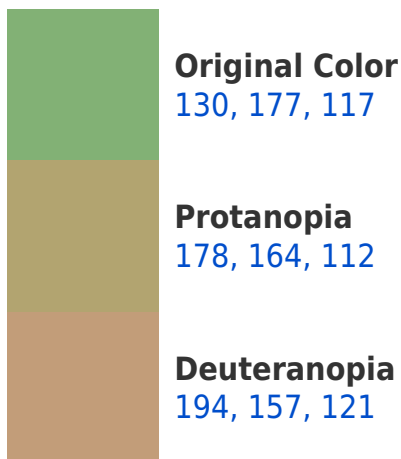


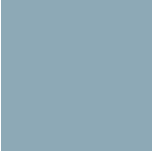
This preview shows how white text looks on a background with the RGB color 130, 177, 117.

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
141, 169, 182

Trichromacy



Original Color
130, 177, 117

Protanomaly
161, 169, 114

Deuteranomaly
171, 164, 120

Tritanomaly
137, 172, 158

Monochromacy



Original Color
130, 177, 117

Achromatopsia
156, 156, 156

Achromatomaly
147, 164, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 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(130, 177, 117)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 177, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 177, 117) }
```

Border

The CSS property to change the border of an element to RGB 130, 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(130, 177, 117) }
```

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

```
.border{ border-color:rgb(130, 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(130, 177, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 177, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 177, 117);  
box-shadow:4px 4px 4px 4px rgb(130, 177,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 130, 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(130, 177, 117) }
```

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

```
.background{ background-color: rgb(130,  
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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