

Converting Colors

RGB(17, 166, 113)

Have a look what the booklet for
RGB(17, 166, 113) contains.

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Color

RGB(17, 166, 113)

Conversions

Conversions Part 1

Format	Color
Hex	11A671
RGB	17, 166, 113
RGB Percent	7%, 65%, 44%
CMY	0.9333, 0.3490, 0.5569
CMYK	0.90, 0.00, 0.32, 0.35
HSL	159°, 81%, 36%
HSV	159°, 90%, 65%
XYZ	16.8480, 28.5839, 20.2520
YIQ	115.4070, -71.7910, -48.0710

Conversions

Conversions Part 2

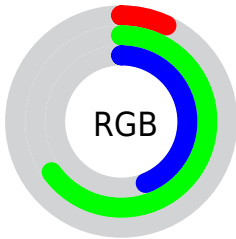
Format	Color
RYB	17, 108, 166
Decimal	1156721
CIELab	60.41, -48.49, 17.58
CIELCh	60, 51.582, 160.072
Yxy	28.5839, 0.2565, 0.4352
Android (android.graphics.Color)	4279346801 (0xFF11A671)
YUV	115.4070, -1.1867, -86.3029
Hunter-Lab	53.4639, -37.3112, 14.9657

Details

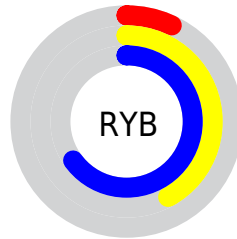
The RGB color **17, 166, 113** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **166, 17, 70**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **95, 222, 165**, and **0, 113, 65** is the 20% darker color. If you saturate the color by 10%, you get **0, 166, 107**, and if you desaturate by 10%, it is **34, 166, 119**.

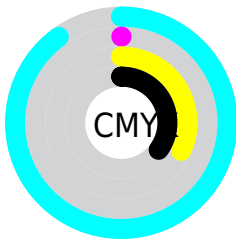
Distribution



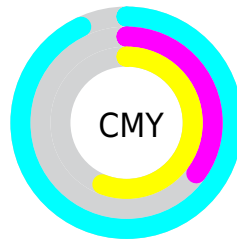
- Red (7%)
- Green (65%)
- Blue (44%)



- Red (7%)
- Yellow (42%)
- Blue (65%)



- Cyan (90%)
- Magenta (0%)
- Yellow (32%)
- Black (35%)




- Cyan (93%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 17, 166, 113 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 17, 166, 113 by changing the saturation by 10% instead.

 17, 166, 113

255, 255, 255

 95, 222, 165


 125, 251, 192


 154, 255, 220

 184, 255, 249


 214, 255, 255

 244, 255, 255

 17, 166, 113

 0, 139, 88

 0, 113, 65


 0, 87, 42

 0, 63, 21

 0, 41, 0


 0, 3, 0

 0, 0, 0

 17, 166, 113

 0, 166, 107

 17, 166, 113

 34, 166, 119

■ 0, 166, 107

■ 50, 166, 125

■ 67, 166, 131

■ 83, 166, 137

■ 100, 166, 143

■ 117, 166, 148

■ 133, 166, 154

■ 150, 166, 160

■ 166, 166, 166

Harmonies

Analogous

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



107, 160, 73



17, 166, 113



0, 168, 160

Triad

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



17, 166, 113



90, 145, 235



222, 115, 89

Complementary

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



17, 166, 113



166, 17, 70

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.



230, 105, 132



17, 166, 113



169, 127, 216

Square

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



17, 166, 113



0, 159, 231



213, 111, 178



196, 132, 58

Rectangle

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



17, 166, 113



0, 167, 190



213, 111, 178



227, 111, 103

Sweetspot

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



17, 166, 113



158, 217, 196



72, 166, 17



75, 110, 97



237, 237, 237



110, 110, 110

Same Dimension

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



17, 166, 113



0, 217, 140



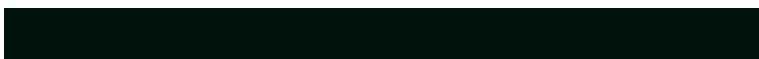
17, 146, 166



76, 84, 81



0, 148, 95



0, 20, 13

Inverse Universe

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



166, 17, 70



217, 0, 77



166, 37, 17



84, 76, 79



148, 0, 53



20, 0, 7

Previews

White Background



This preview shows how the RGB color 17, 166, 113 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17, 166, 113 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 × Fail

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

RGB 17, 166, 113 Background



This preview shows how black text looks on a background with the RGB color 17, 166, 113.

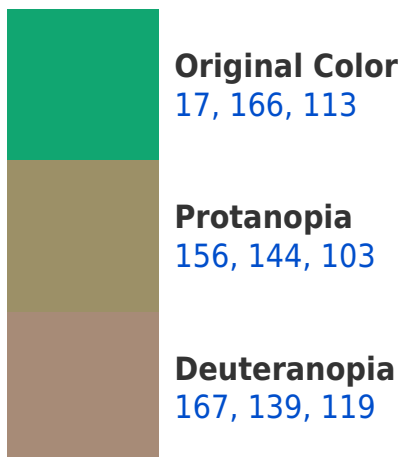


This preview shows how white text looks on a background with the RGB color 17, 166, 113.

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
59, 159, 172

Trichromacy



Original Color

17, 166, 113



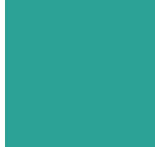
Protanomaly

105, 152, 107



Deuteranomaly

112, 149, 117



Tritanomaly

44, 162, 151

Monochromacy



Original Color

17, 166, 113



Achromatopsia

115, 115, 115



Achromatomaly

79, 134, 114

CSS Examples

Text

The CSS property to change the color of the text to RGB 17, 166, 113 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(17, 166, 113)` looks like.

```
.text, #text, p{  
    color:rgb(17, 166, 113)  
}
```

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(17, 166, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 166, 113) }
```

Border

The CSS property to change the border of an element to RGB 17, 166, 113 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(17, 166, 113) }
```

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

```
.border{ border-color:rgb(17, 166, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 166, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 166, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 166, 113);  
box-shadow:4px 4px 4px 4px rgb(17, 166,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 17, 166, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 166, 113) }
```

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

```
.background{ background-color: rgb(17, 166,  
113) }
```

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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