

Converting Colors

RGB(0, 174, 135)

Have a look what the booklet for
RGB(0, 174, 135) contains.

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Color

RGB(0, 174, 135)

Conversions

Conversions Part 1

Format	Color
Hex	00AE87
RGB	0, 174, 135
RGB Percent	0%, 68%, 53%
CMY	1.0000, 0.3176, 0.4706
CMYK	1.00, 0.00, 0.22, 0.32
HSL	167°, 100%, 34%
HSV	167°, 100%, 68%
XYZ	19.5092, 32.0214, 28.0742
YIQ	117.5280, -91.1850, -49.0170

Conversions

Conversions Part 2

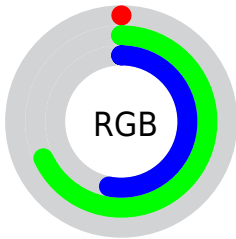
Format	Color
RYB	0, 98, 174
Decimal	44679
CIELab	63.36, -47.13, 9.53
CIELCh	63, 48.083, 168.564
Yxy	32.0214, 0.2451, 0.4023
Android (android.graphics.Color)	4278234759 (0xFF00AE87)
YUV	117.5280, 8.6137, -103.0721
Hunter-Lab	56.5874, -37.4879, 10.1962

Details

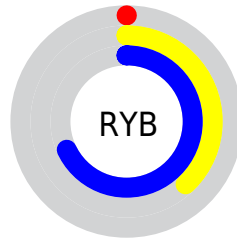
The RGB color **0, 174, 135** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **174, 0, 39**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **94, 230, 188**, and **0, 120, 85** is the 20% darker color. If you saturate the color by 10%, you get **0, 174, 135**, and if you desaturate by 10%, it is **17, 174, 139**.

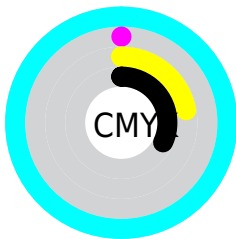
Distribution



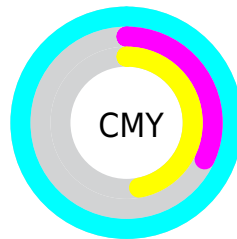
- Red (0%)
- Green (68%)
- Blue (53%)



- Red (0%)
- Yellow (38%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 174, 135 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 0, 174, 135 by changing the saturation by 10% instead.



0, 174, 135



0, 174, 135

255, 255, 255



0, 147, 110



94, 230, 188



0, 120, 85



125, 255, 216



0, 95, 62



155, 255, 244



0, 70, 40



185, 255, 255



0, 47, 20



215, 255, 255



0, 20, 0



246, 255, 255



0, 0, 0



0, 174, 135



17, 174, 139

■ 35, 174, 143

■ 52, 174, 147

■ 70, 174, 151

■ 87, 174, 155

■ 104, 174, 158

■ 122, 174, 162

■ 139, 174, 166

■ 157, 174, 170

Harmonies

Analogous

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



103, 169, 95



0, 174, 135



0, 175, 179

Triad

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



0, 174, 135



129, 149, 235



221, 129, 91

Complementary

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



0, 174, 135



174, 0, 39

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.



234, 118, 128



0, 174, 135



190, 132, 210

Square

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



0, 174, 135



0, 163, 237



224, 119, 172



192, 145, 67

Rectangle

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



0, 174, 135



0, 173, 206



224, 119, 172



228, 125, 102

Sweetspot

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



0, 174, 135



159, 227, 212



41, 174, 0



73, 115, 105



242, 242, 242



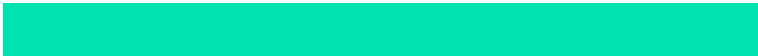
115, 115, 115

Same Dimension

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



0, 174, 135



0, 227, 176



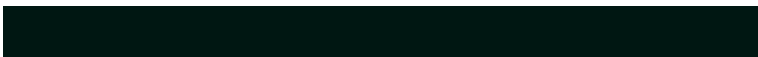
0, 128, 174



78, 87, 85



0, 150, 117



0, 23, 18

Inverse Universe

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



174, 0, 39



227, 0, 51



174, 46, 0



87, 78, 80



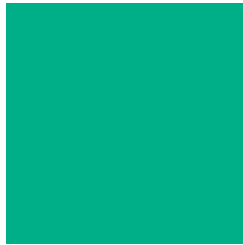
150, 0, 34



23, 0, 5

Previews

White Background



This preview shows how the RGB color 0, 174, 135 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 0, 174, 135 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 0, 174, 135 Background



This preview shows how black text looks on a background with the RGB color 0, 174, 135.

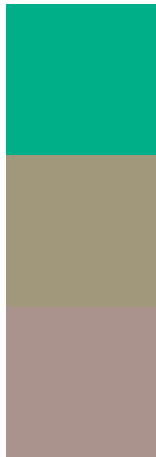


This preview shows how white text looks on a background with the RGB color 0, 174, 135.

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
0, 174, 135

Protanopia
161, 152, 124

Deuteranopia
171, 147, 141



Tritanopia
54, 168, 181

Trichromacy



Original Color

0, 174, 135



Protanomaly

102, 160, 128



Deuteranomaly

109, 157, 139



Tritanomaly

34, 170, 164

Monochromacy



Original Color

0, 174, 135



Achromatopsia

118, 118, 118



Achromatomaly

75, 138, 124

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 174, 135 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(0, 174, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 135)  
}
```

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(0, 174, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 135) }
```

Border

The CSS property to change the border of an element to RGB 0, 174, 135 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(0, 174, 135) }
```

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

```
.border{ border-color:rgb(0, 174, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 174, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
135) }
```

Background

The CSS property to change the background color of an element to RGB 0, 174, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 135) }
```

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

```
.background{ background-color: rgb(0, 174,  
135) }
```

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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