

Converting Colors

RGB(27, 198, 173)

Have a look what the booklet for
RGB(27, 198, 173) contains.

RGB(27, 198, 173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(27, 198, 173)

Conversions

Conversions Part 1

Format	Color
Hex	1BC6AD
RGB	27, 198, 173
RGB Percent	11%, 78%, 68%
CMY	0.8941, 0.2235, 0.3216
CMYK	0.86, 0.00, 0.13, 0.22
HSL	171°, 76%, 44%
HSV	171°, 86%, 78%
XYZ	28.1889, 43.6383, 46.4725
YIQ	144.0210, -93.8910, -44.0270

Conversions

Conversions Part 2

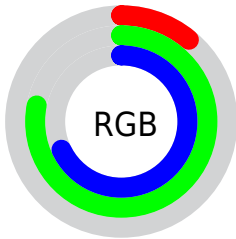
Format	Color
RYB	27, 119, 198
Decimal	1820333
CIELab	71.99, -45.81, 1.12
CIELCh	72, 45.825, 178.603
Yxy	43.6383, 0.2383, 0.3689
Android (android.graphics.Color)	4280010413 (0xFF1BC6AD)
YUV	144.0210, 14.2866, -102.6274
Hunter-Lab	66.0593, -39.4340, 4.5312

Details

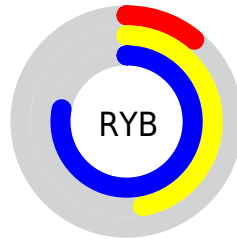
The RGB color **27, 198, 173** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **198, 27, 52**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **108, 255, 228**, and **0, 143, 121** is the 20% darker color. If you saturate the color by 10%, you get **7, 198, 170**, and if you desaturate by 10%, it is **47, 198, 176**.

Distribution



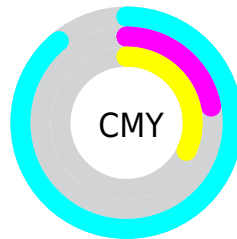
- Red (11%)
- Green (78%)
- Blue (68%)



- Red (11%)
- Yellow (47%)
- Blue (78%)



- Cyan (86%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)



















- Cyan (89%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 27, 198, 173 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 27, 198, 173 by changing the saturation by 10% instead.

 27, 198, 173	 27, 198, 173
 255, 255, 255	 0, 170, 146
 108, 255, 228	 0, 143, 121
 140, 255, 255	 0, 117, 96
 171, 255, 255	 0, 91, 72
 202, 255, 255	 0, 66, 50
 232, 255, 255	 0, 44, 29
	 0, 13, 4
	 0, 0, 0

 27, 198, 173	 27, 198, 173
--------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------

■ 7, 198, 170

■ 47, 198, 176

■ 0, 198, 169

■ 67, 198, 179

■ 86, 198, 182

■ 106, 198, 185

■ 126, 198, 187

■ 146, 198, 190

■ 166, 198, 193

■ 185, 198, 196

■ 205, 198, 199

Harmonies

Analogous

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



110, 194, 131



27, 198, 173



0, 197, 215

Triad

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



27, 198, 173



177, 166, 250



237, 158, 106

Complementary

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



27, 198, 173



198, 27, 52

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.



255, 146, 139



27, 198, 173



227, 151, 221

Square

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



27, 198, 173



104, 181, 255



253, 143, 180



204, 173, 91

Rectangle

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



27, 198, 173



0, 194, 238



253, 143, 180



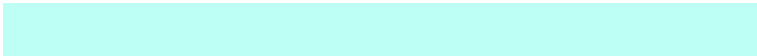
245, 154, 115

Sweetspot

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



27, 198, 173



189, 255, 245



53, 198, 27



88, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



27, 198, 173



0, 255, 218



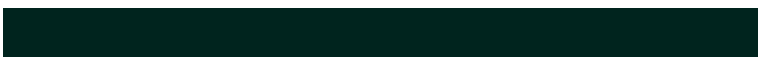
27, 138, 198



90, 99, 98



0, 163, 139



0, 36, 30

Inverse Universe

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



198, 27, 52



255, 0, 37



198, 87, 27



99, 90, 91



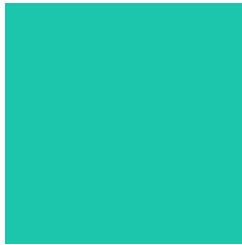
163, 0, 24



36, 0, 5

Previews

White Background



This preview shows how the RGB color 27, 198, 173 looks on a white background.

Color Contrast Check

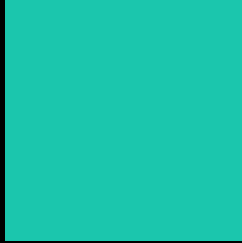
Large Text (above 18pt) WCAG AA × Fail

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 27, 198, 173 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

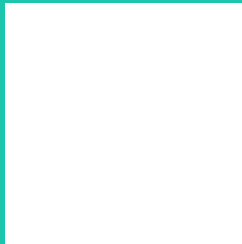
Any Text WCAG AAA ✓ Pass

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

RGB 27, 198, 173 Background



This preview shows how black text looks on a background with the RGB color 27, 198, 173.

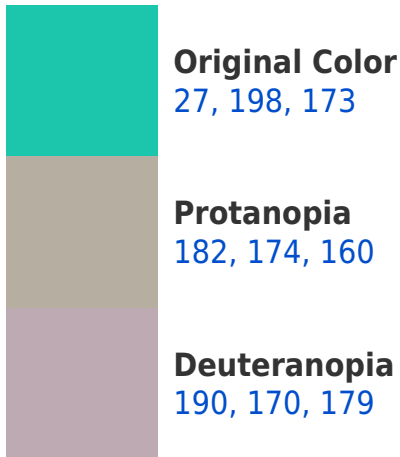


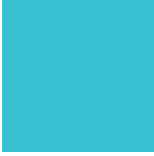
This preview shows how white text looks on a background with the RGB color 27, 198, 173.

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
58, 193, 209

Trichromacy



Original Color

27, 198, 173



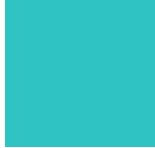
Protanomaly

126, 183, 165



Deuteranomaly

131, 180, 177



Tritanomaly

47, 195, 196

Monochromacy



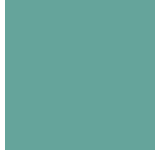
Original Color

27, 198, 173



Achromatopsia

144, 144, 144



Achromatomaly

101, 164, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 27, 198, 173 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(27, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(27, 198, 173)  
}
```

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(27, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 198, 173) }
```

Border

The CSS property to change the border of an element to RGB 27, 198, 173 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(27, 198, 173) }
```

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

```
.border{ border-color:rgb(27, 198, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(27, 198,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 27, 198, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 198, 173) }
```

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

```
.background{ background-color: rgb(27, 198,  
173) }
```

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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