

Converting Colors

RGB(28, 181, 186)

Have a look what the booklet for
RGB(28, 181, 186) contains.

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Color

RGB(28, 181, 186)

Conversions

Conversions Part 1

Format	Color
Hex	1CB5BA
RGB	28, 181, 186
RGB Percent	11%, 71%, 73%
CMY	0.8902, 0.2902, 0.2706
CMYK	0.85, 0.03, 0.00, 0.27
HSL	182°, 74%, 42%
HSV	182°, 85%, 73%
XYZ	25.8657, 36.8398, 52.2019
YIQ	135.8230, -92.7930, -30.8810

Conversions

Conversions Part 2

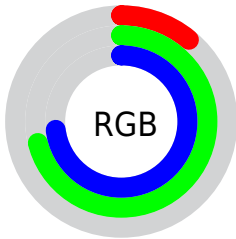
Format	Color
R _Y B	28, 106, 186
Decimal	1881530
CIE Lab	67.16, -34.42, -13.16
CIE LCh	67, 36.849, 200.923
Yxy	36.8398, 0.2251, 0.3206
Android (android.graphics.Color)	4280071610 (0xFF1CB5BA)
YUV	135.8230, 24.7373, -94.5608
Hunter-Lab	60.6958, -30.1493, -8.5058

Details

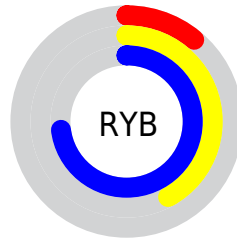
The RGB color **28, 181, 186** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **186, 33, 28**, and the grayscale version is **136, 136, 136**.

A 20% lighter version of the original color is **107, 237, 242**, and **0, 127, 133** is the 20% darker color. If you saturate the color by 10%, you get **9, 180, 186**, and if you desaturate by 10%, it is **47, 182, 186**.

Distribution



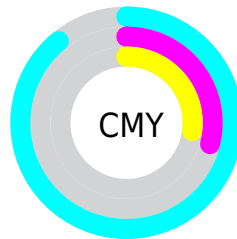
- Red (11%)
- Green (71%)
- Blue (73%)



- Red (11%)
- Yellow (42%)
- Blue (73%)



- Cyan (85%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)





















- Cyan (89%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 28, 181, 186 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 28, 181, 186 by changing the saturation by 10% instead.

 28, 181, 186	 28, 181, 186
 255, 255, 255	 0, 154, 159
 107, 237, 242	 0, 127, 133
 138, 255, 255	 0, 102, 108
 169, 255, 255	 0, 77, 83
 199, 255, 255	 0, 54, 60
 230, 255, 255	 0, 34, 39
	 0, 1, 18
	 0, 0, 0
 28, 181, 186	 28, 181, 186

■ 9, 180, 186

■ 47, 182, 186

■ 0, 180, 186

■ 65, 182, 186

■ 84, 183, 186

■ 102, 183, 186

■ 121, 184, 186

■ 140, 185, 186

■ 158, 185, 186

■ 177, 186, 186

■ 195, 186, 186

Harmonies

Analogous

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



80, 181, 152



28, 181, 186



35, 177, 214

Triad

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



28, 181, 186



195, 147, 206



194, 158, 98

Complementary

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



28, 181, 186



186, 33, 28

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.



218, 147, 113



28, 181, 186



221, 139, 175

Square

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



28, 181, 186



153, 159, 225



228, 139, 141



162, 169, 100

Rectangle

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



28, 181, 186



77, 173, 225



228, 139, 141



203, 154, 101

Sweetspot

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



28, 181, 186



182, 240, 242



28, 186, 31



86, 121, 122



250, 250, 250



122, 122, 122

Same Dimension

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



28, 181, 186



0, 235, 242



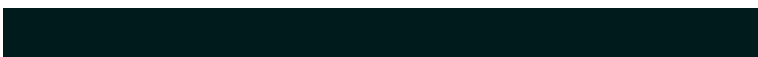
28, 104, 186



83, 92, 92



0, 151, 156



0, 27, 28

Inverse Universe

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



186, 28, 181



242, 0, 235



186, 110, 28



92, 83, 92



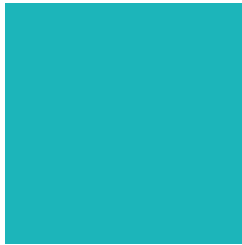
156, 0, 151



28, 0, 27

Previews

White Background



This preview shows how the RGB color 28, 181, 186 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 28, 181, 186 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

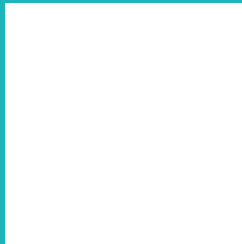
Any Text WCAG AAA ✓ Pass

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

RGB 28, 181, 186 Background



This preview shows how black text looks on a background with the RGB color 28, 181, 186.

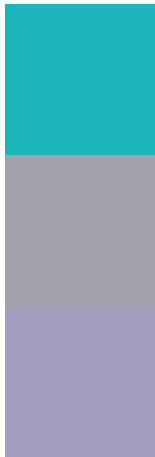


This preview shows how white text looks on a background with the RGB color 28, 181, 186.

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](#).

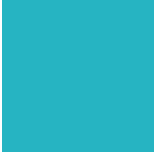
Dichromacy



Original Color
28, 181, 186

Protanopia
162, 161, 174

Deuteranopia
164, 158, 191



Tritanopia
38, 180, 194

Trichromacy



Original Color

28, 181, 186



Protanomaly

113, 168, 178



Deuteranomaly

115, 166, 189



Tritanomaly

34, 180, 191

Monochromacy



Original Color

28, 181, 186



Achromatopsia

136, 136, 136



Achromatomaly

97, 152, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 28, 181, 186 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(28, 181, 186)` looks like.

```
.text, #text, p{  
    color:rgb(28, 181, 186)  
}
```

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(28, 181, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 181, 186) }
```

Border

The CSS property to change the border of an element to RGB 28, 181, 186 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(28, 181, 186) }
```

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

```
.border{ border-color:rgb(28, 181, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 181, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 181, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 181, 186);  
box-shadow:4px 4px 4px 4px rgb(28, 181,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 28, 181, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 181, 186) }
```

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

```
.background{ background-color: rgb(28, 181,  
186) }
```

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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