

Converting Colors

RGB(26, 217, 214)

Have a look what the booklet for
RGB(26, 217, 214) contains.

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Color

RGB(26, 217, 214)

Conversions

Conversions Part 1

Format	Color
Hex	1AD9D6
RGB	26, 217, 214
RGB Percent	10%, 85%, 84%
CMY	0.8980, 0.1490, 0.1608
CMYK	0.88, 0.00, 0.01, 0.15
HSL	179°, 79%, 48%
HSV	179°, 88%, 85%
XYZ	37.3765, 54.7004, 72.2066
YIQ	159.5490, -112.8730, -41.4250

Conversions

Conversions Part 2

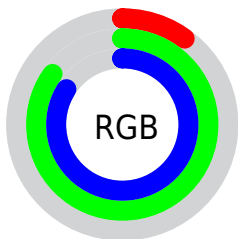
Format	Color
RYB	26, 122, 217
Decimal	1759702
CIELab	78.87, -42.60, -10.84
CIELCh	79, 43.957, 194.281
Yxy	54.7004, 0.2275, 0.3330
Android (android.graphics.Color)	4279949782 (0xFF1AD9D6)
YUV	159.5490, 26.8443, -117.1225
Hunter-Lab	73.9597, -39.2223, -6.1129

Details

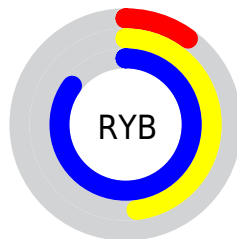
The RGB color **26, 217, 214** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **217, 26, 29**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **115, 255, 255**, and **0, 161, 159** is the 20% darker color. If you saturate the color by 10%, you get **4, 217, 214**, and if you desaturate by 10%, it is **48, 217, 214**.

Distribution



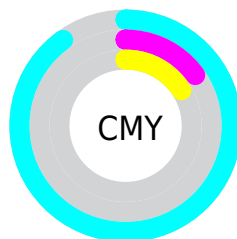
- Red (10%)
- Green (85%)
- Blue (84%)



- Red (10%)
- Yellow (48%)
- Blue (85%)



- Cyan (88%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)




















- Cyan (90%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 26, 217, 214 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 26, 217, 214 by changing the saturation by 10% instead.

 26, 217, 214	 26, 217, 214
 255, 255, 255	 0, 189, 186
 115, 255, 255	 0, 161, 159
 148, 255, 255	 0, 135, 133
 180, 255, 255	 0, 108, 108
 212, 255, 255	 0, 83, 84
 243, 255, 255	 0, 59, 61
	 0, 38, 39
	 0, 1, 19
	 0, 0, 0

■ 26, 217, 214

■ 26, 217, 214

■ 4, 217, 214

■ 48, 217, 214

■ 0, 217, 214

■ 69, 217, 215

■ 91, 217, 215

■ 113, 217, 215

■ 134, 217, 216

■ 156, 217, 216

■ 178, 217, 216

■ 200, 217, 217

■ 221, 217, 217

Harmonies

Analogous

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



103, 215, 172



26, 217, 214



0, 214, 251

Triad

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



26, 217, 214



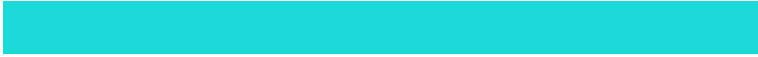
224, 177, 254



240, 185, 117

Complementary

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



26, 217, 214



217, 26, 29

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, 172, 140



26, 217, 214



255, 166, 218

Square

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



26, 217, 214



167, 193, 255



255, 163, 177



202, 199, 114

Rectangle

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



26, 217, 214



63, 209, 255



255, 163, 177



251, 181, 122

Sweetspot

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



26, 217, 214



189, 255, 254



29, 217, 26



88, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



26, 217, 214



0, 255, 251



26, 125, 217



99, 110, 109



0, 173, 171



0, 46, 45

Inverse Universe

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



217, 26, 29



255, 0, 4



217, 118, 26



110, 99, 99



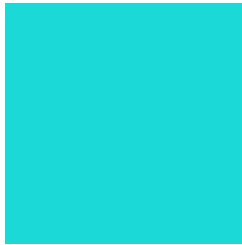
173, 0, 3



46, 0, 1

Previews

White Background



This preview shows how the RGB color 26, 217, 214 looks on a white background.

Color Contrast Check

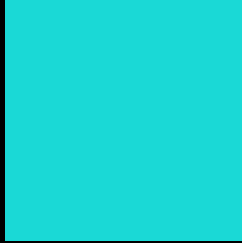
Large Text (above 18pt) WCAG AA × Fail

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 26, 217, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

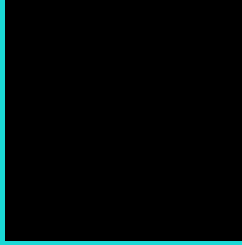
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

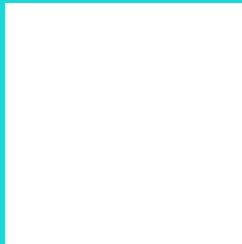
Any Text WCAG AAA ✓ Pass

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

RGB 26, 217, 214 Background



This preview shows how black text looks on a background with the RGB color 26, 217, 214.

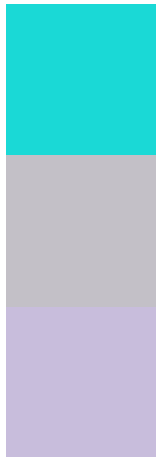


This preview shows how white text looks on a background with the RGB color 26, 217, 214.

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
26, 217, 214

Protanopia
195, 192, 199

Deuteranopia
200, 189, 220



Tritanopia
48, 214, 232

Trichromacy



Original Color

26, 217, 214



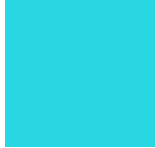
Protanomaly

134, 201, 204



Deuteranomaly

137, 199, 218



Tritanomaly

40, 215, 225

Monochromacy



Original Color

26, 217, 214



Achromatopsia

160, 160, 160



Achromatomaly

111, 181, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 26, 217, 214 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(26, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(26, 217, 214)  
}
```

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(26, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 217, 214) }
```

Border

The CSS property to change the border of an element to RGB 26, 217, 214 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(26, 217, 214) }
```

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

```
.border{ border-color:rgb(26, 217, 214) }
```

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

Here you see how a box with a 4 pixel rgb(26, 217, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(26, 217,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 26, 217, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 217, 214) }
```

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

```
.background{ background-color: rgb(26, 217,  
214) }
```

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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