

Converting Colors

RGB(27, 224, 219)

Have a look what the booklet for
RGB(27, 224, 219) contains.

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Color

RGB(27, 224, 219)

Conversions

Conversions Part 1

Format	Color
Hex	1BE0DB
RGB	27, 224, 219
RGB Percent	11%, 88%, 86%
CMY	0.8941, 0.1216, 0.1412
CMYK	0.88, 0.00, 0.02, 0.12
HSL	178°, 78%, 49%
HSV	178°, 88%, 88%
XYZ	39.8938, 58.6588, 76.2375
YIQ	164.5270, -115.8070, -43.3190

Conversions

Conversions Part 2

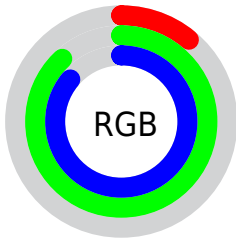
Format	Color
RYB	27, 127, 224
Decimal	1827035
CIELab	81.10, -44.19, -10.18
CIELCh	81, 45.344, 192.968
Yxy	58.6588, 0.2282, 0.3356
Android (android.graphics.Color)	4280017115 (0xFF1BE0DB)
YUV	164.5270, 26.8552, -120.6112
Hunter-Lab	76.5890, -41.0534, -5.4055

Details

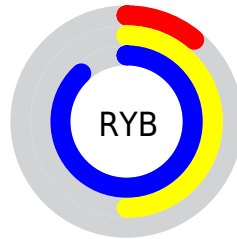
The RGB color **27, 224, 219** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **224, 27, 32**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **117, 255, 255**, and **0, 168, 164** is the 20% darker color. If you saturate the color by 10%, you get **5, 224, 218**, and if you desaturate by 10%, it is **49, 224, 220**.

Distribution



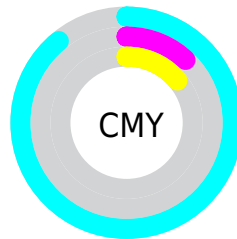
- Red (11%)
- Green (88%)
- Blue (86%)



- Red (11%)
- Yellow (50%)
- Blue (88%)



- Cyan (88%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)




















- Cyan (89%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 27, 224, 219 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, 224, 219 by changing the saturation by 10% instead.

 27, 224, 219	 27, 224, 219
 255, 255, 255	 0, 196, 191
 117, 255, 255	 0, 168, 164
 151, 255, 255	 0, 141, 138
 183, 255, 255	 0, 115, 112
 215, 255, 255	 0, 89, 88
 246, 255, 255	 0, 65, 65
	 0, 43, 43
	 0, 9, 23
	 0, 0, 0

■ 27, 224, 219

■ 27, 224, 219

■ 5, 224, 218

■ 49, 224, 220

■ 0, 224, 218

■ 72, 224, 220

■ 94, 224, 221

■ 117, 224, 221

■ 139, 224, 222

■ 161, 224, 222

■ 184, 224, 223

■ 206, 224, 224

■ 229, 224, 224

Harmonies

Analogous

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



108, 222, 175



27, 224, 219



0, 221, 255

Triad

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



27, 224, 219



230, 184, 255



250, 190, 120

Complementary

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



27, 224, 219



224, 27, 32

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, 176, 146



27, 224, 219



255, 171, 227

Square

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



27, 224, 219



169, 199, 255



255, 168, 184



211, 205, 117

Rectangle

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



27, 224, 219



58, 216, 255



255, 168, 184



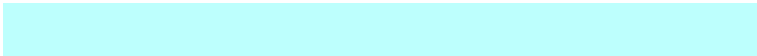
255, 185, 127

Sweetspot

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



27, 224, 219



189, 255, 253



34, 224, 27



88, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



27, 224, 219



0, 255, 249



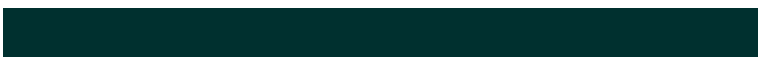
27, 132, 224



101, 112, 112



0, 176, 171



0, 48, 47

Inverse Universe

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



224, 27, 32



255, 0, 6



224, 119, 27



112, 101, 101



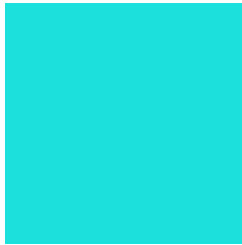
176, 0, 4



48, 0, 1

Previews

White Background



This preview shows how the RGB color 27, 224, 219 looks on a white background.

Color Contrast Check

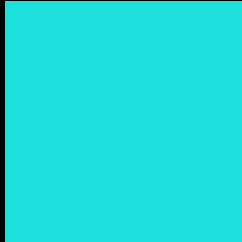
Large Text (above 18pt) WCAG AA × Fail

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, 224, 219 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

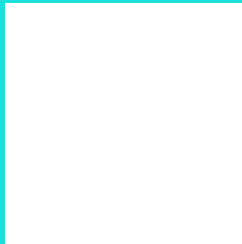
Any Text WCAG AAA ✓ Pass

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

RGB 27, 224, 219 Background



This preview shows how black text looks on a background with the RGB color 27, 224, 219.

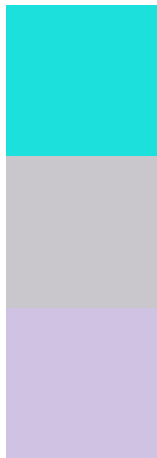


This preview shows how white text looks on a background with the RGB color 27, 224, 219.

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](#).

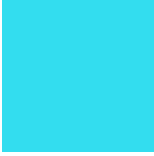
Dichromacy



Original Color
27, 224, 219

Protanopia
202, 199, 204

Deuteranopia
207, 194, 226



Tritanopia
51, 221, 239

Trichromacy



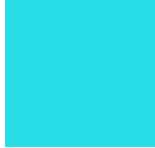
Original Color
27, 224, 219



Protanomaly
138, 208, 209



Deuteranomaly
142, 205, 223



Tritanomaly
42, 222, 232

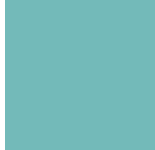
Monochromacy



Original Color
27, 224, 219



Achromatopsia
165, 165, 165



Achromatomaly
115, 186, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 27, 224, 219 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, 224, 219)` looks like.

```
.text, #text, p{  
    color:rgb(27, 224, 219)  
}
```

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, 224, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 224, 219) }
```

Border

The CSS property to change the border of an element to RGB 27, 224, 219 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, 224, 219) }
```

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

```
.border{ border-color:rgb(27, 224, 219) }
```

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

Here you see how a box with a 4 pixel rgb(27, 224, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(27, 224,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 27, 224, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 224, 219) }
```

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

```
.background{ background-color: rgb(27, 224,  
219) }
```

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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