Converting Colors

RGB(27, 240, 219)

Have a look what the booklet for RGB(27, 240, 219) contains.

Color

RGB(27, 240, 219)

Conversions

Conversions Part 1

Format	Color
Hex	1BF0DB
RGB	27, 240, 219
RGB Percent	11%, 94%, 86%
CMY	0.8941, 0.0588, 0.1412
CMYK	0.89, 0.00, 0.09, 0.06
HSL	174°, 88%, 52%
HSV	174°, 89%, 94%
XYZ	44.3983, 67.6677, 77.7390
YIQ	173.9190, -120.2070, -51.6870

Conversions

Conversions Part 2

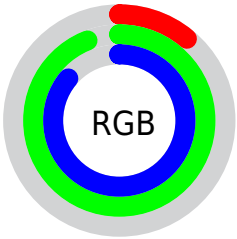
Format	Color
RYB	27, 139, 240
Decimal	1831131
CIELab	85.84, -51.01, -3.17
CIELCh	86, 51.111, 183.554
Yxy	67.6677, 0.2339, 0.3565
Android (android.graphics.Color)	4280021211 (0xFF1BF0DB)
YUV	173.9190, 22.2249, -128.8480
Hunter-Lab	82.2604, -47.6141, 1.5511

Details

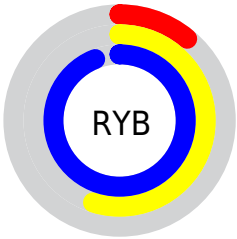
The RGB color 27, 240, 219 is a light color, and the websafe version is hex 00FFFF. The color can be described as light washed cyan. A complement of this color would be 240, 27, 48, and the grayscale version is 174, 174, 174.

A 20% lighter version of the original color is 120, 255, 255, and 0, 183, 164 is the 20% darker color. If you saturate the color by 10%, you get 3, 240, 217, and if you desaturate by 10%, it is 51, 240, 221.

Distribution

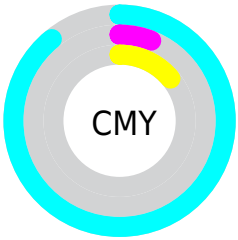


- Red (11%)
- Green (94%)
- Blue (86%)



- Red (11%)
- Yellow (55%)
- Blue (94%)

- Cyan (89%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)



- Cyan (89%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 27, 240, 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, 240, 219 by changing the saturation by 10% instead.

27, 240, 219

255, 255, 255

120, 255, 255

154, 255, 255

186, 255, 255

219, 255, 255

251, 255, 255

27, 240, 219

0, 211, 191

0, 183, 164

0, 155, 138

0, 129, 113

0, 102, 88

0, 77, 65

0, 53, 43

0, 29, 23

0, 0, 0

27, 240, 219

3, 240, 217

0, 240, 216

27, 240, 219

51, 240, 221

75, 240, 224

99, 240, 226

123, 240, 228

147, 240, 231

171, 240, 233

195, 240, 236

219, 240, 238

243, 240, 240

Harmonies

Analogous

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

128, 236, 170

27, 240, 219

0, 238, 255

Triad

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

27, 240, 219

227, 200, 255

255, 197, 129

Complementary

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

27, 240, 219

240, 27, 48

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, 181, 164

27, 240, 219

255, 183, 255

Square

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

27, 240, 219

149, 218, 255

255, 176, 211

240, 214, 116

Rectangle

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

27, 240, 219

0, 234, 255

255, 176, 211

255, 191, 138

Sweetspot

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

27, 240, 219

186, 255, 248

48, 240, 27

87, 128, 123

0, 0, 0

128, 128, 128

Same Dimension

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

27, 240, 219

0, 255, 230

27, 155, 240

108, 120, 119

0, 184, 165

0, 56, 51

Inverse Universe

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

240, 27, 48

255, 0, 25

240, 112, 27

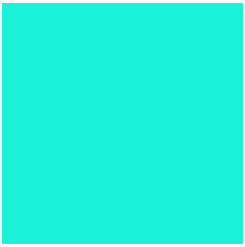
120, 108, 109

184, 0, 18

56, 0, 6

Previews

White Background



This preview shows how the RGB color 27, 240, 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, 240, 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, 240, 219 Background

This preview shows how black text looks on a background with the RGB color 27, 240, 219.

This preview shows how white text looks on a background with the RGB color 27, 240, 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, 240, 219

Protanopia
219, 212, 203

Deuteranopia
227, 206, 226

Tritanopia
64, 235, 254

Trichromacy

Original Color
27, 240, 219

Protanomaly
149, 222, 209

Deuteranomaly
154, 218, 223

Tritanomaly
51, 237, 241

Monochromacy

Original Color
27, 240, 219

Achromatopsia
174, 174, 174

Achromatomaly
121, 198, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 27, 240, 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, 240, 219) looks like.

```
.text, #text, p{
    color:rgb(27, 240, 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, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 240, 219) }
```

Border

The CSS property to change the border of an element to RGB 27, 240, 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, 240, 219) }
```

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

```
.border{ border-color:rgb(27, 240, 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, 240, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(27, 240, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(27, 240, 219); box-shadow:4px 4px 4px 4px rgb(27, 240, 219) }
```

Background

The CSS property to change the background color of an element to RGB 27, 240, 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, 240, 219) }
```

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

```
.background{ background-color:rgb(27, 240, 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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