Converting Colors

RGB(27, 207, 225)

Have a look what the booklet for RGB(27, 207, 225) contains.

Color

RGB(27, 207, 225)

Conversions

Conversions Part 1

Format	Color
Hex	1BCFE1
RGB	27, 207, 225
RGB Percent	11%, 81%, 88%
CMY	0.8941, 0.1882, 0.1176
CMYK	0.88, 0.08, 0.00, 0.12
HSL	185°, 79%, 49%
HSV	185°, 88%, 88%
XYZ	36.3554, 50.2949, 79.0259
YIQ	155.2320, -113.0580, -32.5620

Conversions

Conversions Part 2

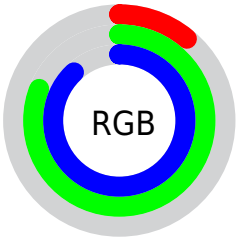
Format	Color
RYB	27, 121, 225
Decimal	1822689
CIELab	76.25, -34.68, -20.68
CIELCh	76, 40.379, 210.813
Yxy	50.2949, 0.2194, 0.3036
Android (android.graphics.Color)	4280012769 (0xFF1BCFE1)
YUV	155.2320, 34.3956, -112.4595
Hunter-Lab	70.9189, -32.6029, -16.4244

Details

The RGB color 27, 207, 225 is a light color, and the websafe version is hex 33CCCC. The color can be described as light washed cyan. A complement of this color would be 225, 45, 27, and the grayscale version is 155, 155, 155.

A 20% lighter version of the original color is 115, 255, 255, and 0, 152, 170 is the 20% darker color. If you saturate the color by 10%, you get 5, 205, 225, and if you desaturate by 10%, it is 49, 209, 225.

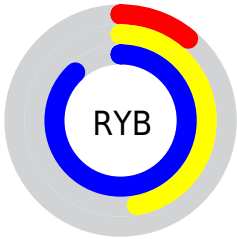
Distribution



Red (11%)

Green (81%)

Blue (88%)



Red (11%)

Yellow (47%)

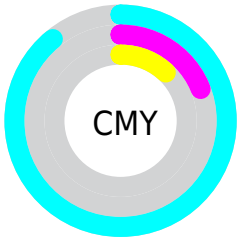
Blue (88%)

Cyan (88%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (89%)

Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 27, 207, 225 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, 207, 225 by changing the saturation by 10% instead.

27, 207, 225

255, 255, 255

115, 255, 255

149, 255, 255

180, 255, 255

212, 255, 255

244, 255, 255

27, 207, 225

0, 179, 197

0, 152, 170

0, 126, 143

0, 100, 118

0, 76, 93

0, 52, 69

0, 32, 47

0, 1, 26

0, 0, 0

27, 207, 225

5, 205, 225

0, 205, 225

27, 207, 225

49, 209, 225

72, 211, 225

95, 213, 225

117, 215, 225

139, 217, 225

162, 219, 225

185, 221, 225

207, 223, 225

230, 225, 225

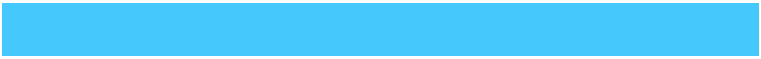
Harmonies

Analogous

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

77, 208, 188

27, 207, 225



69, 201, 252

Triad

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

27, 207, 225

236, 165, 225

212, 186, 113

Complementary

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

27, 207, 225

225, 45, 27

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.

242, 173, 124

27, 207, 225

255, 159, 188

Square

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

27, 207, 225

194, 178, 252

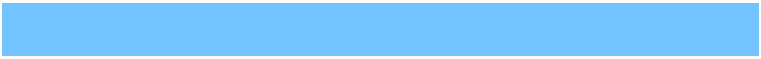
255, 162, 152

173, 197, 123

Rectangle

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

27, 207, 225



114, 195, 255

255, 162, 152

223, 182, 114

Sweetspot

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

27, 207, 225

189, 249, 255

27, 225, 43

88, 124, 128

0, 0, 0

128, 128, 128

Same Dimension

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

27, 207, 225

0, 232, 255

27, 110, 225

101, 111, 112

0, 160, 176

0, 44, 48

Inverse Universe

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

225, 27, 207

255, 0, 232

225, 142, 27

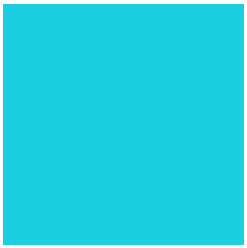
112, 101, 111

176, 0, 160

48, 0, 44

Previews

White Background

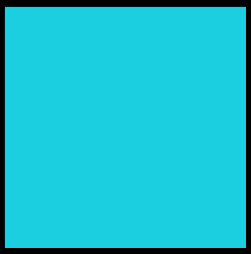


This preview shows how the RGB color 27, 207, 225 looks on a white background.

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



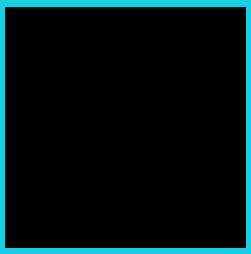
This preview shows how the RGB color 27, 207, 225 looks on a black background.

Color Contrast Check

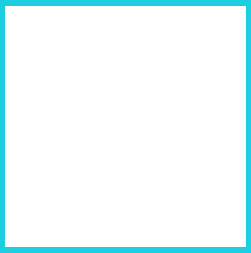
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 27, 207, 225 Background



This preview shows how black text looks on a background with the RGB color 27, 207, 225.



This preview shows how white text looks on a background with the RGB color 27, 207, 225.

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

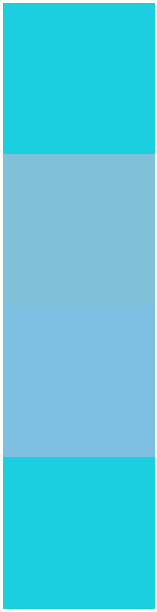
Original Color
27, 207, 225

Protanopia
183, 185, 211

Deuteranopia
182, 183, 230

Tritanopia
25, 207, 224

Trichromacy



Original Color
27, 207, 225

Protanomaly
126, 193, 216

Deuteranomaly
126, 192, 228

Tritanomaly
26, 207, 224

Monochromacy

Original Color
27, 207, 225

Achromatopsia
155, 155, 155

Achromatomaly
108, 174, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 27, 207, 225 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, 207, 225) looks like.

```
.text, #text, p{
    color:rgb(27, 207, 225)
}
```

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, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 207, 225) }
```

Border

The CSS property to change the border of an element to RGB 27, 207, 225 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, 207, 225) }
```

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

```
.border{ border-color:rgb(27, 207, 225) }
```

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

Here you see how a box with a 4 pixel rgb(27, 207, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(27, 207, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(27, 207, 225); box-shadow:4px 4px 4px 4px rgb(27, 207, 225) }
```

Background

The CSS property to change the background color of an element to RGB 27, 207, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(27, 207, 225) }
```

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

```
.background{ background-color:rgb(27, 207,
225) }
```

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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