

Converting Colors

RGB(31, 223, 216)

Have a look what the booklet for
RGB(31, 223, 216) contains.

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Color

RGB(31, 223, 216)

Conversions

Conversions Part 1

Format	Color
Hex	1FDFD8
RGB	31, 223, 216
RGB Percent	12%, 87%, 85%
CMY	0.8784, 0.1255, 0.1529
CMYK	0.86, 0.00, 0.03, 0.13
HSL	178°, 76%, 50%
HSV	178°, 86%, 87%
XYZ	39.3474, 58.0245, 74.0918
YIQ	164.7940, -112.1850, -42.8810

Conversions

Conversions Part 2

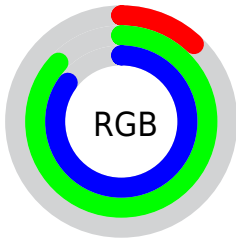
Format	Color
RYB	31, 129, 223
Decimal	2088920
CIELab	80.75, -44.39, -9.10
CIELCh	81, 45.314, 191.584
Yxy	58.0245, 0.2295, 0.3384
Android (android.graphics.Color)	4280279000 (0xFF1FDFD8)
YUV	164.7940, 25.2446, -117.3373
Hunter-Lab	76.1738, -41.1004, -4.3477

Details

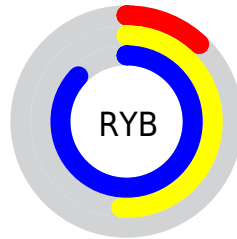
The RGB color **31, 223, 216** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **223, 31, 38**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **118, 255, 255**, and **0, 167, 161** is the 20% darker color. If you saturate the color by 10%, you get **9, 223, 215**, and if you desaturate by 10%, it is **53, 223, 217**.

Distribution



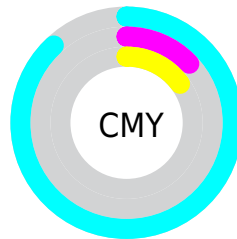
- Red (12%)
- Green (87%)
- Blue (85%)



- Red (12%)
- Yellow (51%)
- Blue (87%)



- Cyan (86%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)




















- Cyan (88%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 31, 223, 216 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 31, 223, 216 by changing the saturation by 10% instead.

 31, 223, 216	 31, 223, 216
 255, 255, 255	 0, 195, 188
 118, 255, 255	 0, 167, 161
 151, 255, 255	 0, 140, 135
 183, 255, 255	 0, 114, 110
 215, 255, 255	 0, 88, 86
 247, 255, 255	 0, 64, 62
	 0, 42, 41
	 0, 6, 21
	 0, 0, 0

■ 31, 223, 216

■ 31, 223, 216

■ 9, 223, 215

■ 53, 223, 217

■ 0, 223, 215

■ 76, 223, 218

■ 98, 223, 218

■ 120, 223, 219

■ 143, 223, 220

■ 165, 223, 221

■ 187, 223, 222

■ 209, 223, 223

■ 232, 223, 223

Harmonies

Analogous

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



110, 221, 172



31, 223, 216



0, 220, 255

Triad

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



31, 223, 216



226, 183, 255



250, 189, 120

Complementary

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



31, 223, 216



223, 31, 38

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, 175, 146



31, 223, 216



255, 171, 228

Square

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



31, 223, 216



165, 199, 255



255, 167, 185



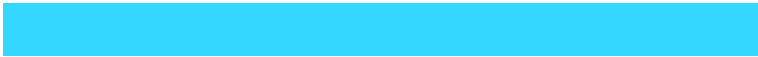
212, 203, 116

Rectangle

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



31, 223, 216



51, 215, 255



255, 167, 185



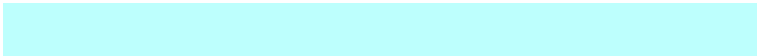
255, 184, 127

Sweetspot

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



31, 223, 216



189, 255, 253



41, 223, 31



88, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



31, 223, 216



0, 255, 246



31, 137, 223



101, 112, 112



0, 176, 170



0, 48, 47

Inverse Universe

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



223, 31, 38



255, 0, 9



223, 117, 31



112, 101, 101



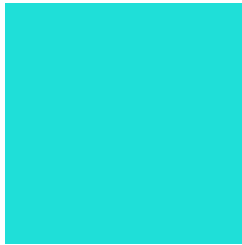
176, 0, 6



48, 0, 2

Previews

White Background



This preview shows how the RGB color 31, 223, 216 looks on a white background.

Color Contrast Check

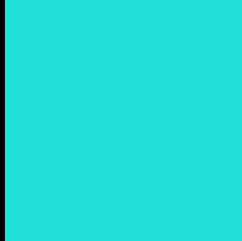
Large Text (above 18pt) WCAG AA × Fail

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 31, 223, 216 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

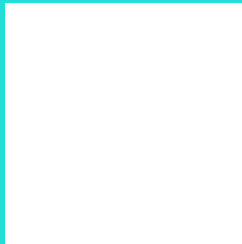
Any Text WCAG AAA ✓ Pass

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

RGB 31, 223, 216 Background



This preview shows how black text looks on a background with the RGB color 31, 223, 216.

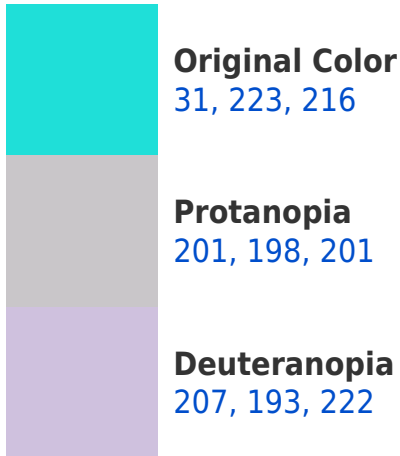


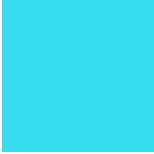
This preview shows how white text looks on a background with the RGB color 31, 223, 216.

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





Tritanopia
54, 220, 238

Trichromacy



Original Color

31, 223, 216



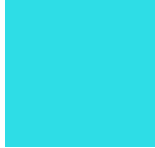
Protanomaly

139, 207, 206



Deuteranomaly

143, 204, 220



Tritanomaly

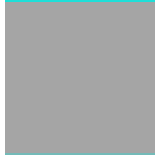
46, 221, 230

Monochromacy



Original Color

31, 223, 216



Achromatopsia

165, 165, 165



Achromatomaly

116, 186, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 31, 223, 216 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(31, 223, 216)` looks like.

```
.text, #text, p{  
    color:rgb(31, 223, 216)  
}
```

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(31, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 223, 216) }
```

Border

The CSS property to change the border of an element to RGB 31, 223, 216 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(31, 223, 216) }
```

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

```
.border{ border-color:rgb(31, 223, 216) }
```

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

Here you see how a box with a 4 pixel rgb(31, 223, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(31, 223,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 31, 223, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 223, 216) }
```

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

```
.background{ background-color: rgb(31, 223,  
216) }
```

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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