

Converting Colors

RGB(1, 224, 216)

Have a look what the booklet for
RGB(1, 224, 216) contains.

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Color

RGB(1, 224, 216)

Conversions

Conversions Part 1

Format	Color
Hex	01E0D8
RGB	1, 224, 216
RGB Percent	0%, 88%, 85%
CMY	0.9961, 0.1216, 0.1529
CMYK	1.00, 0.00, 0.04, 0.12
HSL	178°, 99%, 44%
HSV	178°, 100%, 88%
XYZ	39.0628, 58.2756, 74.1552
YIQ	156.4110, -130.3400, -49.7640

Conversions

Conversions Part 2

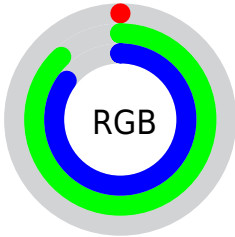
Format	Color
RYB	1, 115, 224
Decimal	123096
CIELab	80.89, -45.89, -8.91
CIELCh	81, 46.749, 190.986
Yxy	58.2756, 0.2278, 0.3398
Android (android.graphics.Color)	4278313176 (0xFF01E0D8)
YUV	156.4110, 29.3774, -136.2954
Hunter-Lab	76.3385, -42.2528, -4.1574

Details

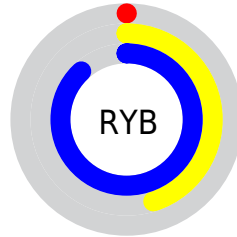
The RGB color **1, 224, 216** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **224, 1, 9**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **112, 255, 255**, and **0, 168, 161** is the 20% darker color. If you saturate the color by 10%, you get **0, 224, 216**, and if you desaturate by 10%, it is **23, 224, 217**.

Distribution



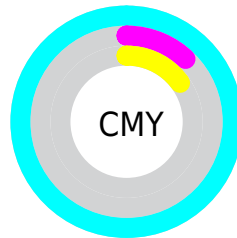
- Red (0%)
- Green (88%)
- Blue (85%)



- Red (0%)
- Yellow (45%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)




















- Cyan (100%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 1, 224, 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 1, 224, 216 by changing the saturation by 10% instead.

 1, 224, 216	 1, 224, 216
 255, 255, 255	 0, 196, 188
 112, 255, 255	 0, 168, 161
 146, 255, 255	 0, 141, 135
 178, 255, 255	 0, 115, 110
 210, 255, 255	 0, 89, 86
 242, 255, 255	 0, 64, 62
	 0, 43, 41
	 0, 7, 21
	 0, 0, 0

■ 1, 224, 216

■ 1, 224, 216

■ 0, 224, 216

■ 23, 224, 217

■ 46, 224, 218

■ 68, 224, 218

■ 91, 224, 219

■ 113, 224, 220

■ 135, 224, 221

■ 158, 224, 222

■ 180, 224, 222

■ 203, 224, 223

Harmonies

Analogous

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



108, 222, 171



1, 224, 216



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.



1, 224, 216



226, 183, 255



252, 189, 118

Complementary

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



1, 224, 216



224, 1, 9

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, 174, 146



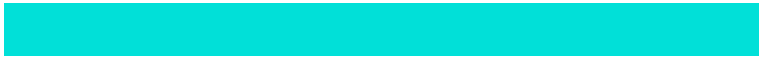
1, 224, 216



255, 170, 230

Square

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



1, 224, 216



162, 200, 255



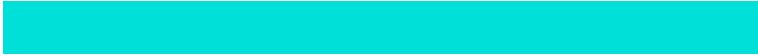
255, 166, 186



213, 203, 113

Rectangle

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



1, 224, 216



29, 216, 255



255, 166, 186



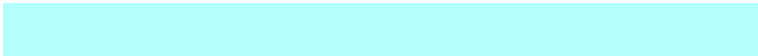
255, 183, 125

Sweetspot

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



1, 224, 216



179, 255, 252



12, 224, 1



82, 128, 126



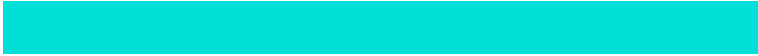
0, 0, 0



128, 128, 128

Same Dimension

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



1, 224, 216



0, 255, 246



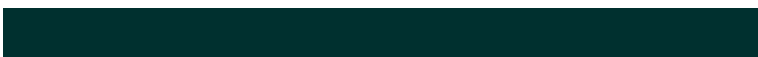
1, 124, 224



101, 112, 112



0, 176, 170



0, 48, 47

Inverse Universe

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



224, 1, 9



255, 0, 9



224, 101, 1



112, 101, 101



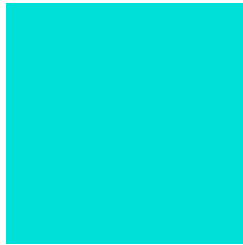
176, 0, 6



48, 0, 2

Previews

White Background



This preview shows how the RGB color 1, 224, 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 1, 224, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

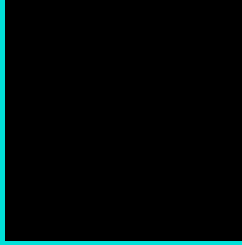
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

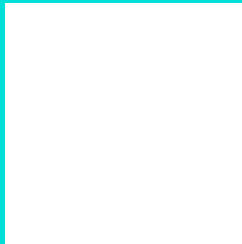
Any Text WCAG AAA ✓ Pass

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

RGB 1, 224, 216 Background



This preview shows how black text looks on a background with the RGB color 1, 224, 216.

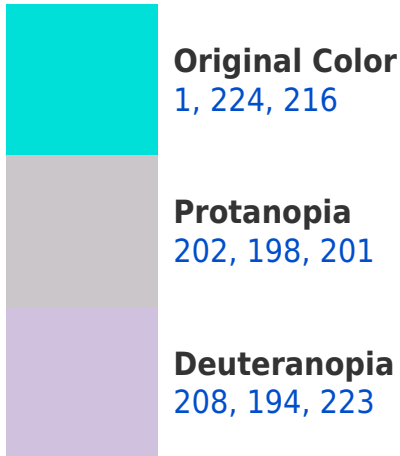


This preview shows how white text looks on a background with the RGB color 1, 224, 216.

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
47, 221, 239

Trichromacy



Original Color

1, 224, 216



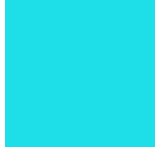
Protanomaly

129, 207, 206



Deuteranomaly

133, 205, 220



Tritanomaly

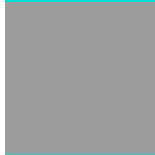
30, 222, 231

Monochromacy



Original Color

1, 224, 216



Achromatopsia

156, 156, 156



Achromatomaly

100, 181, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 1, 224, 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(1, 224, 216)` looks like.

```
.text, #text, p{  
    color:rgb(1, 224, 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(1, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 224, 216) }
```

Border

The CSS property to change the border of an element to RGB 1, 224, 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(1, 224, 216) }
```

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

```
.border{ border-color:rgb(1, 224, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 224, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 224, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 224, 216);  
box-shadow:4px 4px 4px 4px rgb(1, 224,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 1, 224, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 224, 216) }
```

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

```
.background{ background-color: rgb(1, 224,  
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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