

Converting Colors

Hex(1CC9C9)

Have a look what the booklet for
Hex(1CC9C9) contains.

| | |
|--|----|
| Hex(1CC9C9) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(1CC9C9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 1CC9C9 |
| RGB | 28, 201, 201 |
| RGB Percent | 11%, 79%, 79% |
| CMY | 0.8902, 0.2118, 0.2118 |
| CMYK | 0.86, 0.00, 0.00, 0.21 |
| HSL | 180°, 76%, 45% |
| HSV | 180°, 86%, 79% |
| XYZ | 31.9081, 46.2372, 62.5013 |
| YIQ | 149.2730, -103.1080, -36.6760 |

Conversions

Conversions Part 2

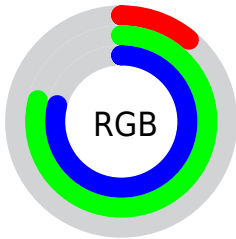
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 28, 115, 201 |
| Decimal | 1886665 |
| CIE _{Lab} | 73.70, -39.13, -11.56 |
| CIE _{LCh} | 74, 40.805, 196.461 |
| Yxy | 46.2372, 0.2269, 0.3287 |
| Android (android.graphics.Color) | 4280076745 (0xFF1CC9C9) |
| YUV | 149.2730, 25.5014, -106.3564 |
| Hunter-Lab | 67.9979, -35.2350, -6.8987 |

Details

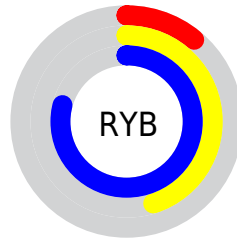
The Hex color **1CC9C9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C91C1C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **70FFFF**, and **009293** is the 20% darker color. If you saturate the color by 10%, you get **08C9C9**, and if you desaturate by 10%, it is **30C9C9**.

Distribution



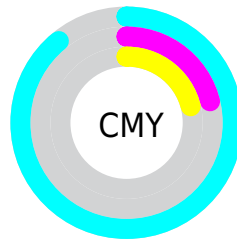
- Red (11%)
- Green (79%)
- Blue (79%)



- Red (11%)
- Yellow (45%)
- Blue (79%)



- Cyan (86%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (89%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CC9C9 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 Hex color 1CC9C9 by changing the saturation by 10% instead.

 1CC9C9

 1CC9C9

FFFFFF

 00ADAE

 70FFFF

 009293

 90FFFF

 007879

 B0FFFF

 005E61

 CFFFFFF

 004649

 EFFFFFF

 002F32

 00161E

 000002

 000000

■ 1CC9C9

■ 1CC9C9

■ 08C9C9

■ 30C9C9

■ 00C9C9

■ 44C9C9

■ 58C9C9

■ 6CC9C9

■ 81C9C9

■ 95C9C9

■ A9C9C9

■ BDC9C9

■ D1C9C9

Harmonies

Analogous

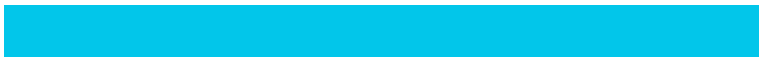
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5EC8A2



1CC9C9



02C6EA

Triad

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



1CC9C9



D3A4E9



DCAD6C

Complementary

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



1CC9C9



C91C1C

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.



F5A080



1CC9C9



F39AC8

Square

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



1CC9C9



A0B2FD



FE98A2



B9B96C

Rectangle

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



1CC9C9



45C1F9



FE98A2



E6A971

Sweetspot

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



1CC9C9



BDFFFF



1CC91C



588080



000000



808080

Same Dimension

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



1CC9C9



00FFFF



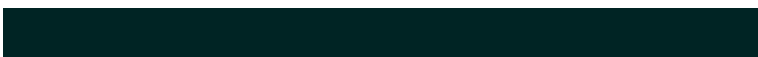
1C72C9



5A6363



00A3A3



002424

Inverse Universe

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



C91CC9



FF00FF



C9721C



635A63



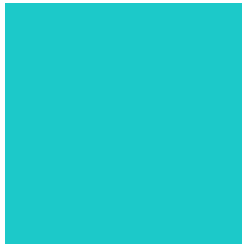
A300A3



240024

Previews

White Background



This preview shows how the Hex color 1CC9C9 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 Hex color 1CC9C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

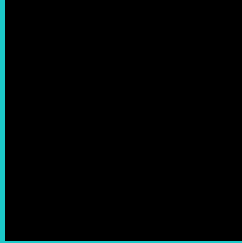
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

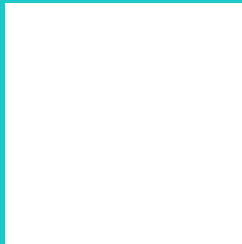
Any Text WCAG AAA ✓ Pass

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

Hex 1CC9C9 Background



This preview shows how black text looks on a background with the Hex color 1CC9C9.

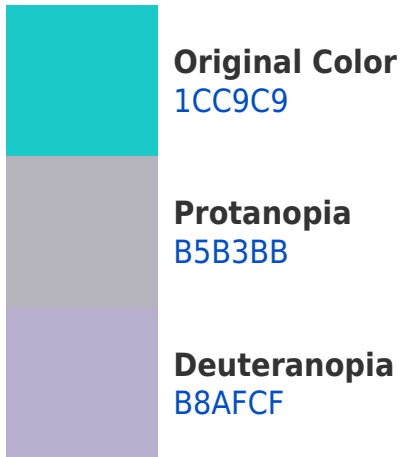


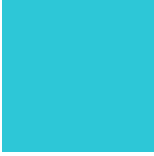
This preview shows how white text looks on a background with the Hex color 1CC9C9.

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
2DC7D7

Trichromacy



Original Color
1CC9C9



Protanomaly
7DBBC0



Deuteranomaly
7FB8CD



Tritanomaly
27C8D2

Monochromacy



Original Color
1CC9C9



Achromatopsia
959595



Achromatomaly
69A8A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CC9C9 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 #1CC9C9 looks like.

```
.text, #text, p{  
    color:#1CC9C9  
}
```

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 #1CC9C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CC9C9
}
```

Border

The CSS property to change the border of an element to Hex 1CC9C9 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
#1CC9C9 }
```

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

```
.border{ border-color:#1CC9C9 }
```

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

Here you see how a box with a 4 pixel #1CC9C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CC9C9; -webkit-box-shadow:4px 4px  
4px 4px #1CC9C9; box-shadow:4px 4px 4px  
4px #1CC9C9 }
```

Background

The CSS property to change the background color of an element to Hex 1CC9C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CC9C9 }
```

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

```
.background{ background-color:#1CC9C9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor