

# Converting Colors

Hex(17C5CA)

Have a look what the booklet for  
Hex(17C5CA) contains.

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# Color

Hex(17C5CA)

# Conversions

## Conversions Part 1

Format	Color
Hex	17C5CA
RGB	23, 197, 202
RGB Percent	9%, 77%, 79%
CMY	0.9098, 0.2275, 0.2078
CMYK	0.89, 0.02, 0.00, 0.21
HSL	182°, 80%, 44%
HSV	182°, 89%, 79%
XYZ	30.9803, 44.3789, 62.8103
YIQ	145.5440, -105.3090, -35.3330

# Conversions

## Conversions Part 2

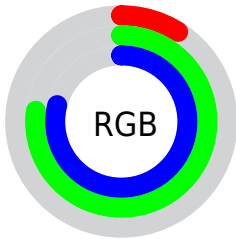
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 111, 202
Decimal	1557962
CIE <sub>Lab</sub>	72.48, -37.28, -13.94
CIE <sub>LCh</sub>	72, 39.803, 200.495
Yxy	44.3789, 0.2242, 0.3212
Android (android.graphics.Color)	4279748042 (0xFF17C5CA)
YUV	145.5440, 27.8328, -107.4711
Hunter-Lab	66.6175, -33.5698, -9.2693

# Details

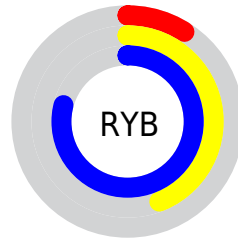
The Hex color **17C5CA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CA1C17**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6EFEFF**, and **008E94** is the 20% darker color. If you saturate the color by 10%, you get **03C4CA**, and if you desaturate by 10%, it is **2BC6CA**.

# Distribution



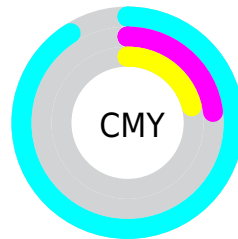
- Red (9%)
- Green (77%)
- Blue (79%)



- Red (9%)
- Yellow (44%)
- Blue (79%)



- Cyan (89%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (91%)
- Magenta (23%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17C5CA 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 17C5CA by changing the saturation by 10% instead.



 17C5CA

 17C5CA

FFFFFF

 00A9AF

 6EFEFF

 008E94

 8EFFFF

 00747A

 AEFFFF

 005B61

 CDFFFF

 00434A

 ECFFFF

 002C33

 00111E

 000002

 000000

■ 17C5CA

■ 17C5CA

■ 03C4CA

■ 2BC6CA

■ 00C4CA

■ 3FC6CA

■ 54C7CA

■ 68C7CA

■ 7CC8CA

■ 90C8CA

■ A4C9CA

■ B9CACA

■ CDCACA

# Harmonies

## Analogous

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



56C4A5



17C5CA



1DC1E9

# Triad

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



17C5CA



D49FE0



D4AC6A

# Complementary

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



17C5CA



CA1C17

# 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.



EE9F7B



17C5CA



F196BF

# Square

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



17C5CA



A5ADF6



F9969A



B0B76C

# Rectangle

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



17C5CA



50BCF6



F9969A



DEA76E



# Sweetspot

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



17C5CA



BAFDFF



17CA1A



577E80



000000



808080



# Same Dimension

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



17C5CA



00F8FF



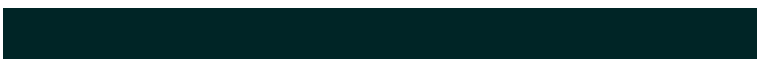
176ECA



5C6666



00A1A6



002526



# Inverse Universe

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



CA17C5



FF00F8



CA7317



665C66



A600A1

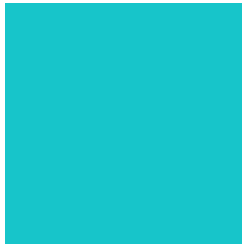


260025



# Previews

## White Background



This preview shows how the Hex color 17C5CA looks on a white background.

## Color Contrast Check

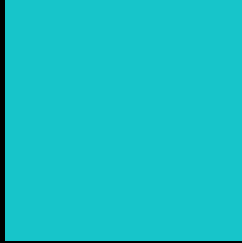
Large Text (above 18pt) WCAG AA × Fail

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 17C5CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

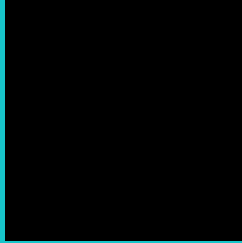
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 17C5CA Background



This preview shows how black text looks on a background with the Hex color 17C5CA.

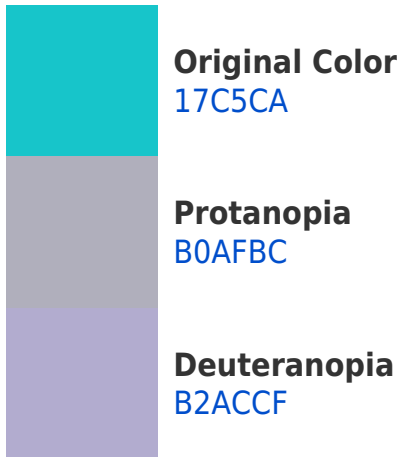


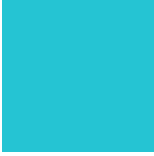
This preview shows how white text looks on a background with the Hex color 17C5CA.

# 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](#).

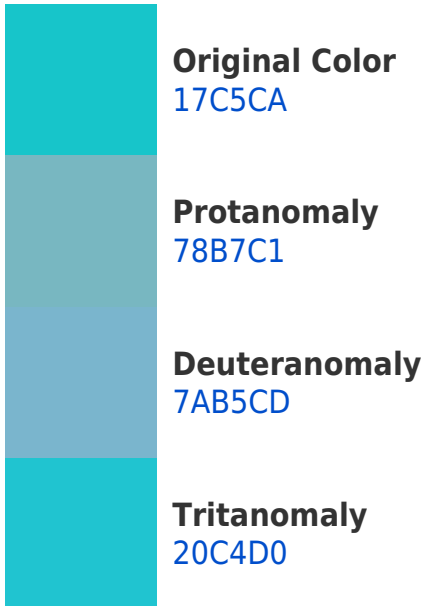
## Dichromacy



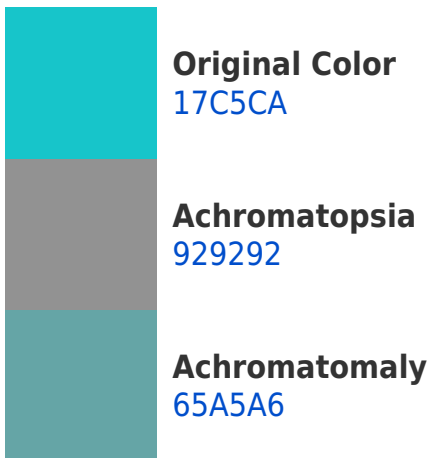


**Tritanopia**  
25C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17C5CA 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 #17C5CA looks like.

```
.text, #text, p{  
    color:#17C5CA  
}
```

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 #17C5CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17C5CA
}
```

## Border

The CSS property to change the border of an element to Hex 17C5CA 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
#17C5CA }
```

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

```
.border{ border-color:#17C5CA }
```

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

Here you see how a box with a 4 pixel #17C5CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17C5CA; -webkit-box-shadow:4px 4px  
4px 4px #17C5CA; box-shadow:4px 4px 4px  
4px #17C5CA }
```

# Background

The CSS property to change the background color of an element to Hex 17C5CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17C5CA }
```

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

```
.background{ background-color:#17C5CA }
```

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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