

Converting Colors

Hex(19C4CB)

Have a look what the booklet for
Hex(19C4CB) contains.

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Color

Hex(19C4CB)

Conversions

Conversions Part 1

Format	Color
Hex	19C4CB
RGB	25, 196, 203
RGB Percent	10%, 77%, 80%
CMY	0.9020, 0.2314, 0.2039
CMYK	0.88, 0.03, 0.00, 0.20
HSL	182°, 78%, 45%
HSV	182°, 88%, 80%
XYZ	30.9203, 43.9983, 63.3628
YIQ	145.6690, -104.1630, -34.0750

Conversions

Conversions Part 2

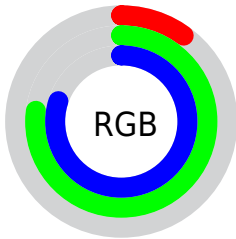
Format	Color
RYB	25, 112, 203
Decimal	1688779
CIELab	72.23, -36.41, -14.86
CIElCh	72, 39.327, 202.201
Yxy	43.9983, 0.2236, 0.3182
Android (android.graphics.Color)	4279878859 (0xFF19C4CB)
YUV	145.6690, 28.2642, -105.8267
Hunter-Lab	66.3312, -32.8718, -10.2048

Details

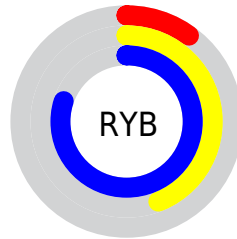
The Hex color **19C4CB** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CB2019**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **6EFDFF**, and **008E95** is the 20% darker color. If you saturate the color by 10%, you get **05C3CB**, and if you desaturate by 10%, it is **2DC5CB**.

Distribution



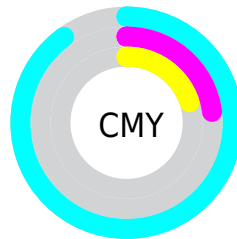
- Red (10%)
- Green (77%)
- Blue (80%)



- Red (10%)
- Yellow (44%)
- Blue (80%)



- Cyan (88%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19C4CB 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 19C4CB by changing the saturation by 10% instead.

 19C4CB

 19C4CB

FFFFFF

 00A8B0


 6EFDFF

 008E95

 8FFFFFFF

 00747B

 AEFFFF

 005A62


 CDFFFF


 00424A

 ECFFFF

 002B34

 00101F

 000004

 000000

■ 19C4CB

■ 19C4CB

■ 05C3CB

■ 2DC5CB

■ 00C3CB

■ 42C6CB

■ 56C6CB

■ 6AC7CB

■ 7FC8CB

■ 93C9CB

■ A7CACB

■ BBCACB

■ D0CBCB

Harmonies

Analogous

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



54C4A6



19C4CB



27C0E9

Triad

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



19C4CB



D59EDE



D1AC6A

Complementary

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



19C4CB



CB2019

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.



EB9F7A



19C4CB



F096BC

Square

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



19C4CB



A8ABF3



F79698



AEB76D

Rectangle

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



19C4CB



56BBF5



F79698



DBA86D

Sweetspot

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



19C4CB



BDFCFF



19CB1F



587E80



000000



808080

Same Dimension

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



19C4CB



00F5FF



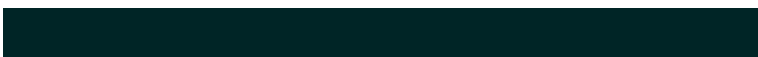
196CCB



5C6666



009FA6



002526

Inverse Universe

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



CB19C4



FF00F5



CB7819



665C66



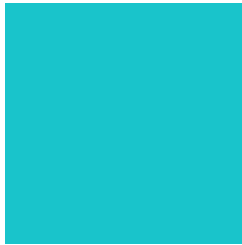
A6009F



260025

Previews

White Background



This preview shows how the Hex color 19C4CB looks on a white background.

Color Contrast Check

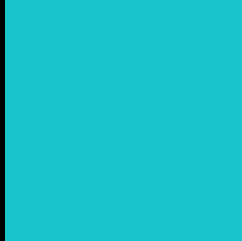
Large Text (above 18pt) WCAG AA × Fail

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 19C4CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

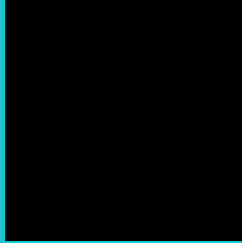
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

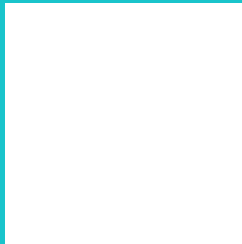
Any Text WCAG AAA ✓ Pass

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

Hex 19C4CB Background



This preview shows how black text looks on a background with the Hex color 19C4CB.

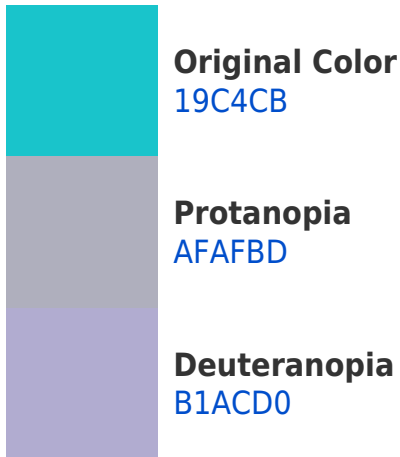


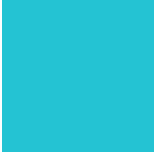
This preview shows how white text looks on a background with the Hex color 19C4CB.

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](#).

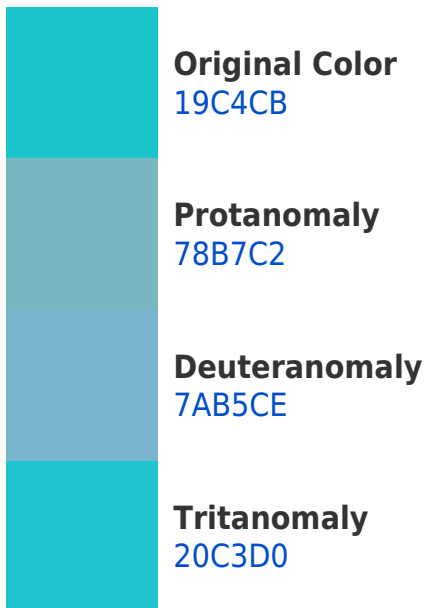
Dichromacy



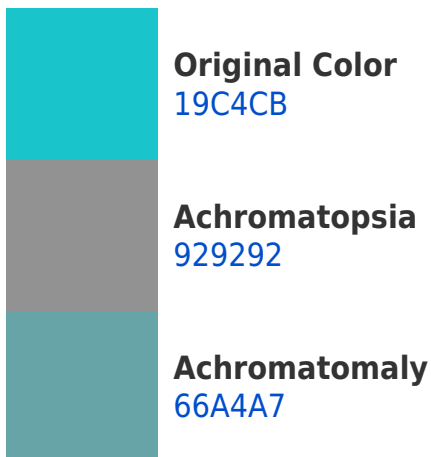


Tritanopia
24C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 19C4CB 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 #19C4CB looks like.

```
.text, #text, p{  
    color:#19C4CB  
}
```

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 #19C4CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19C4CB
}
```

Border

The CSS property to change the border of an element to Hex 19C4CB 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
#19C4CB }
```

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

```
.border{ border-color:#19C4CB }
```

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

Here you see how a box with a 4 pixel #19C4CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19C4CB; -webkit-box-shadow:4px 4px  
4px 4px #19C4CB; box-shadow:4px 4px 4px  
4px #19C4CB }
```

Background

The CSS property to change the background color of an element to Hex 19C4CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19C4CB }
```

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

```
.background{ background-color:#19C4CB }
```

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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