

Converting Colors

Hex(15C0CB)

Have a look what the booklet for
Hex(15C0CB) contains.

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Color

Hex(15C0CB)

Conversions

Conversions Part 1

Format	Color
Hex	15C0CB
RGB	21, 192, 203
RGB Percent	8%, 75%, 80%
CMY	0.9176, 0.2471, 0.2039
CMYK	0.90, 0.05, 0.00, 0.20
HSL	184°, 81%, 44%
HSV	184°, 90%, 80%
XYZ	29.9384, 42.1705, 63.0617
YIQ	142.1250, -105.4470, -32.8310

Conversions

Conversions Part 2

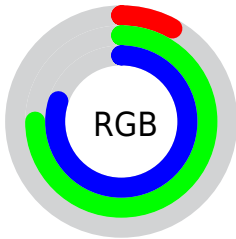
Format	Color
RYB	21, 109, 203
Decimal	1425611
CIELab	70.99, -34.75, -16.73
CIELCh	71, 38.569, 205.710
Yxy	42.1705, 0.2215, 0.3120
Android (android.graphics.Color)	4279615691 (0xFF15C0CB)
YUV	142.1250, 30.0114, -106.2266
Hunter-Lab	64.9388, -31.3500, -12.1190

Details

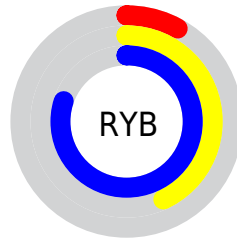
The Hex color **15C0CB** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CB2015**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6DF9FF**, and **008A95** is the 20% darker color. If you saturate the color by 10%, you get **01BFCB**, and if you desaturate by 10%, it is **29C1CB**.

Distribution



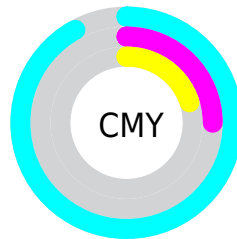
- Red (8%)
- Green (75%)
- Blue (80%)



- Red (8%)
- Yellow (43%)
- Blue (80%)



- Cyan (90%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C0CB 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 15C0CB by changing the saturation by 10% instead.

 15C0CB

 15C0CB

FFFFFF

 00A5B0

 6DF9FF

 008A95

 8DFFFF

 00707B

 ACFFFF

 005762

 CBFFFF

 003F4A

 EAFFFF

 002934

 00091F

 000003

 000000

■ 15C0CB

■ 15C0CB

■ 01BFCB

■ 29C1CB

■ 00BFCB

■ 3EC2CB

■ 52C4CB

■ 66C5CB

■ 7BC6CB

■ 8FC7CB

■ A3C9CB

■ B7CACB

■ CCCBCB

Harmonies

Analogous

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



4DC0A7



15C0CB



30BCE7

Triad

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



15C0CB



D59AD6



C9AA67

Complementary

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



15C0CB



CB2015

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.



E49E75



15C0CB



ED93B4

Square

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



15C0CB



ABA7ED



F29491



A6B56D

Rectangle

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



15C0CB



5CB6F1



F29491



D4A66A

Sweetspot

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



15C0CB



BAFBFF



15CB1E



577D80



000000



808080

Same Dimension

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



15C0CB



00F0FF



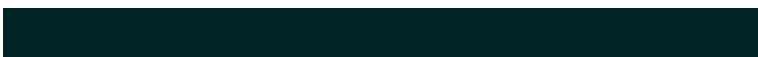
1567CB



5C6566



009CA6



002426

Inverse Universe

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



CB15C0



FF00F0



CB7915



665C65



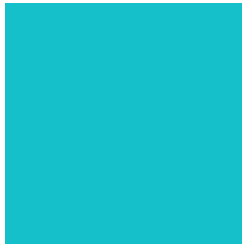
A6009C



260024

Previews

White Background



This preview shows how the Hex color 15C0CB looks on a white background.

Color Contrast Check

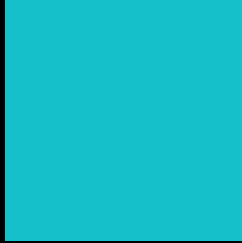
Large Text (above 18pt) WCAG AA × Fail

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 15C0CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

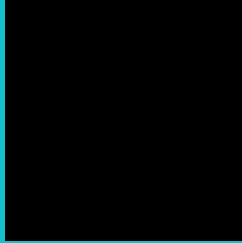
Any Text WCAG AA ✓ Pass

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 15C0CB Background



This preview shows how black text looks on a background with the Hex color 15C0CB.

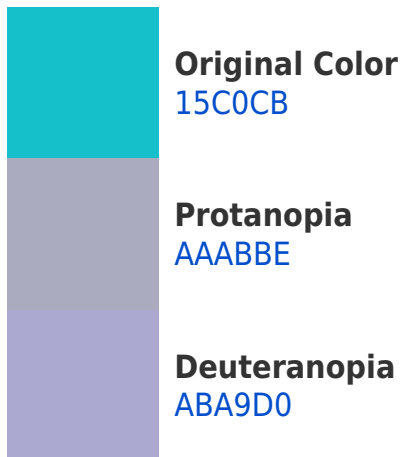


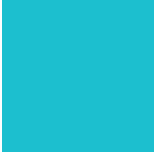
This preview shows how white text looks on a background with the Hex color 15C0CB.

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

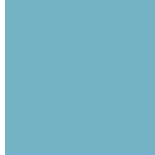




Trichromacy



Original Color
15C0CB



Protanomaly
74B3C3



Deuteranomaly
74B1CE



Tritanomaly
19BFCE

Monochromacy



Original Color
15C0CB



Achromatopsia
8E8E8E



Achromatomaly
62A0A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 15C0CB 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 #15C0CB looks like.

```
.text, #text, p{  
    color:#15C0CB  
}
```

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 #15C0CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C0CB  
}
```

Border

The CSS property to change the border of an element to Hex 15C0CB 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  
#15C0CB }
```

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

```
.border{ border-color:#15C0CB }
```

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

Here you see how a box with a 4 pixel #15C0CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C0CB; -webkit-box-shadow:4px 4px  
4px 4px #15C0CB; box-shadow:4px 4px 4px  
4px #15C0CB }
```

Background

The CSS property to change the background color of an element to Hex 15C0CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C0CB }
```

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

```
.background{ background-color:#15C0CB }
```

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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