

Converting Colors

CIELCh(58, 71.503, 325.229)

Have a look what the booklet for
CIELCh(58, 71.503, 325.229)
contains.

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Color

CIELCh(58, 71.606, 325.126)

Conversions

Conversions Part 1

Format	Color
Hex	CC60D4
RGB	204, 96, 212
RGB Percent	80%, 38%, 83%
CMY	0.1999, 0.6235, 0.1686
CMYK	0.04, 0.55, 0.00, 0.17
HSL	296°, 57%, 60%
HSV	296°, 55%, 83%
XYZ	40.9742, 25.9610, 65.1465
YIQ	141.5160, 27.1320, 58.9720

Conversions

Conversions Part 2

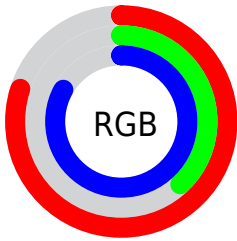
Format	Color
RYB	204, 96, 212
Decimal	13394132
CIELab	58.00, 58.75, -40.94
CIELCh	58, 71.606, 325.126
Yxy	25.9610, 0.3102, 0.1966
Android (android.graphics.Color)	4291584212 (0xFFCC60D4)
YUV	141.5160, 34.7486, 54.7985
Hunter-Lab	50.9519, 54.3791, -40.1411

Details

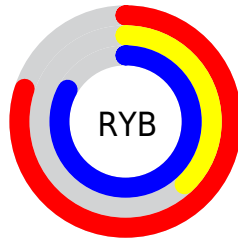
The CIELCh color **58, 71.606, 325.126** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77, 71.605, 138.507**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 64.458, 326.633**, and **38, 71.696, 325.083** is the 20% darker color. If you saturate the color by 10%, you get **54, 82.072, 325.426**, and if you desaturate by 10%, it is **62, 59.661, 324.741**.

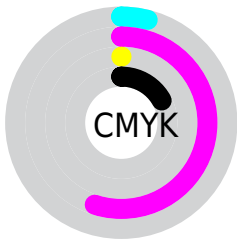
Distribution



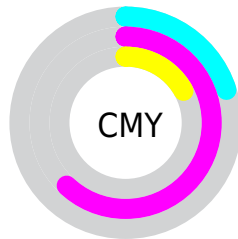
- Red (80%)
- Green (38%)
- Blue (83%)



- Red (80%)
- Yellow (38%)
- Blue (83%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (17%)




- Cyan (20%)
- Magenta (62%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 71.606, 325.126 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 CIELCh color 58, 71.606, 325.126 by changing the saturation by 10% instead.


 58, 71.606,
325.126


 58, 71.606,
325.126

 100, 71.606,
325.126


 48, 71.606,
325.126


 78, 71.606,
325.126

 38, 71.606,
325.126

 88, 71.606,
325.126

 28, 71.606,
325.126

 98, 71.606,
325.126

 18, 71.606,
325.126

 8, 71.606, 325.126

 0, 71.606, 325.126

58, 71.606,
325.126

58, 71.606,
325.126

54, 82.072,
325.426

62, 59.661,
324.741

52, 90.519,
325.615

67, 46.772,
324.296

50, 96.508,
325.675

72, 33.378,
323.812

48, 99.884,
325.595

77, 19.811,
323.307

48, 100.950,
325.515

82, 6.306, 322.776

88, 6.987, 142.356

93, 19.972,
141.853

96, 26.172,
141.167

■ 96, 25.888,
140.248

Harmonies

Complementary

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



58, 71.606, 325.126



77, 71.605, 138.507

Rectangle

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



58, 71.606, 325.126



58, 71.606, 15.126



58, 71.606, 145.126



58, 71.606, 195.126

Sweetspot

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



58, 71.604, 325.126



90, 25.046, 323.381



49, 62.142, 295.367



47, 16.924, 323.487



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 71.604, 325.126



64, 96.470, 325.473



57, 55.188, 344.756



42, 7.683, 323.033



38, 85.947, 325.554



6, 32.521, 325.599

Inverse Universe

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



55, 49.784, 21.231



61, 70.778, 24.679



77, 53.657, 153.695



42, 4.561, 14.353



35, 74.540, 37.062



5, 21.965, 16.692

Previews

White Background



This preview shows how the CIELCh color 58, 71.606, 325.126 looks on a white background.

Color Contrast Check

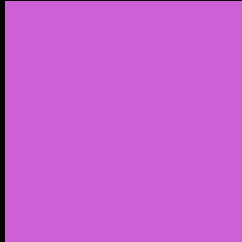
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 58, 71.606, 325.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

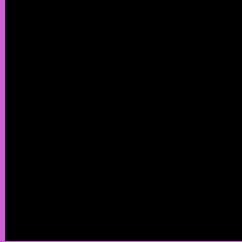
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 71.606, 325.126

Background



This preview shows how black text looks on a background with the CIELCh color 58, 71.606, 325.126.

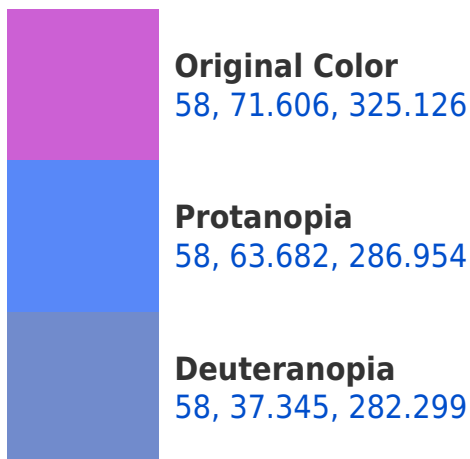


This preview shows how white text looks on a background with the CIELCh color 58, 71.606, 325.126.

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
58, 31.451, 14.048

Trichromacy



Original Color
58, 71.606, 325.126



Protanomaly
57, 65.019, 299.278



Deuteranomaly
57, 48.615, 303.913



Tritanomaly
58, 41.981, 345.152

Monochromacy



Original Color
58, 71.606, 325.126



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 28.136, 324.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 71.606, 325.126 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(204, 96, 212)` looks like.

```
.text, #text, p{  
    color:rgb(204, 96, 212)  
}
```

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(204, 96, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 96, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 71.606, 325.126 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(204, 96, 212) }
```

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

```
.border{ border-color:rgb(204, 96, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 96, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 96, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 96, 212);  
box-shadow:4px 4px 4px 4px rgb(204, 96,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 71.606, 325.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 96, 212) }
```

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

```
.background{ background-color: rgb(204, 96,  
212) }
```

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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