

Converting Colors

CIELCh(58, 71.718, 323.452)

Have a look what the booklet for
CIELCh(58, 71.718, 323.452)
contains.

CIELCh(58, 71.561, 323.554)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 71.561, 323.554)

Conversions

Conversions Part 1

Format	Color
Hex	C962D7
RGB	201, 98, 215
RGB Percent	79%, 38%, 84%
CMY	0.2128, 0.6167, 0.1579
CMYK	0.07, 0.54, 0.00, 0.16
HSL	293°, 59%, 61%
HSV	293°, 54%, 84%
XYZ	40.5909, 25.9610, 66.9836
YIQ	142.1350, 23.8310, 58.2230

Conversions

Conversions Part 2

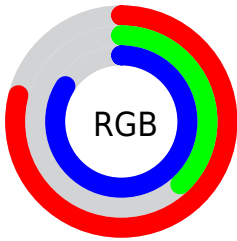
Format	Color
RYB	201, 98, 215
Decimal	13198039
CIELab	58.00, 57.56, -42.51
CIELCh	58, 71.561, 323.554
Yxy	25.9610, 0.3040, 0.1944
Android (android.graphics.Color)	4291388119 (0xFFC962D7)
YUV	142.1350, 35.9224, 51.6246
Hunter-Lab	50.9519, 53.0363, -42.2788

Details

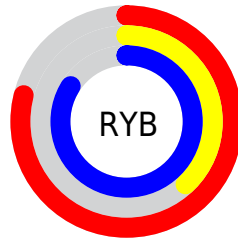
The CIELCh color **58, 71.561, 323.554** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **78, 71.066, 137.456**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 63.286, 326.594**, and **38, 71.784, 323.423** is the 20% darker color. If you saturate the color by 10%, you get **54, 82.337, 323.817**, and if you desaturate by 10%, it is **62, 59.400, 323.197**.

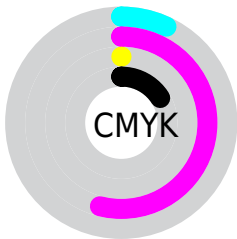
Distribution



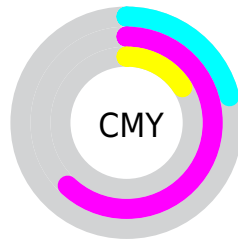
- Red (79%)
- Green (38%)
- Blue (84%)



- Red (79%)
- Yellow (38%)
- Blue (84%)



- Cyan (7%)
- Magenta (54%)
- Yellow (0%)
- Black (16%)





- Cyan (21%)
- Magenta (62%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 71.561, 323.554 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, 71.561, 323.554 by changing the saturation by 10% instead.


 58, 71.561,
323.554


 58, 71.561,
323.554


 100, 71.561,
323.554


 48, 71.561,
323.554


 78, 71.561,
323.554

 38, 71.561,
323.554

 88, 71.561,
323.554

 28, 71.561,
323.554

 98, 71.561,
323.554

 18, 71.561,
323.554

 8, 71.561, 323.554

 0, 71.561, 323.554

■ 58, 71.561,
323.554

■ 58, 71.561,
323.554

■ 54, 82.337,
323.817

■ 62, 59.400,
323.197

■ 51, 91.157,
323.952

■ 67, 46.391,
322.775

■ 49, 97.520,
323.931

■ 72, 32.957,
322.314

■ 47, 101.197,
323.734

■ 78, 19.410,
321.833

■ 47, 102.409,
323.571

■ 83, 5.962, 321.328

■ 89, 7.252, 140.934

■ 95, 20.151,
140.464

■ 97, 23.911,
139.116

■ 97, 23.443,
137.263

Harmonies

Complementary

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



58, 71.561, 323.554



78, 71.066, 137.456

Rectangle

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



58, 71.561, 323.554



58, 71.561, 13.554



58, 71.561, 143.554



58, 71.561, 193.554

Sweetspot

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



58, 71.559, 323.554



90, 24.684, 321.914



51, 58.834, 293.169



46, 16.683, 322.015



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, 71.559, 323.554



63, 95.028, 323.840



58, 57.226, 341.986



42, 7.567, 321.584



37, 86.347, 323.641



5, 32.157, 323.745

Inverse Universe

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



56, 49.493, 17.398



61, 68.397, 20.620



78, 56.306, 151.567



42, 4.598, 10.297



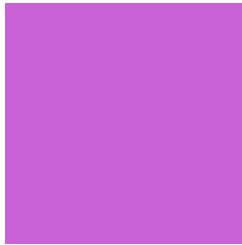
35, 72.340, 34.494



5, 21.975, 14.430

Previews

White Background



This preview shows how the CIELCh color 58, 71.561, 323.554 looks on a white background.

Color Contrast Check

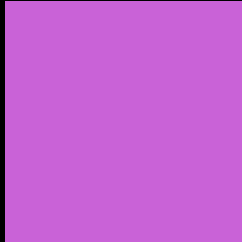
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 58, 71.561, 323.554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

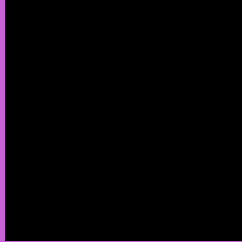
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 71.561, 323.554

Background



This preview shows how black text looks on a background with the CIELCh color 58, 71.561, 323.554.

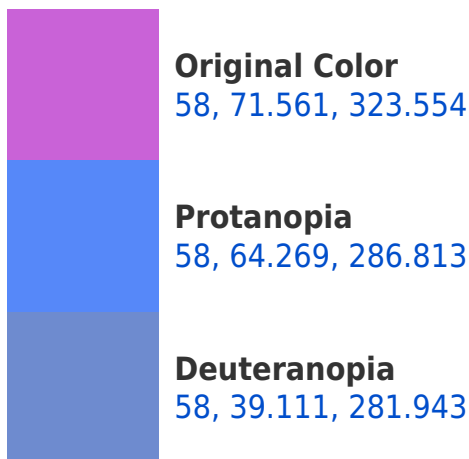


This preview shows how white text looks on a background with the CIELCh color 58, 71.561, 323.554.

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, 28.886, 12.849

Trichromacy



Original Color
58, 71.561, 323.554



Protanomaly
57, 65.494, 298.580



Deuteranomaly
57, 49.531, 302.309



Tritanomaly
58, 40.307, 342.669

Monochromacy



Original Color
58, 71.561, 323.554



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 27.570, 322.338

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 71.561, 323.554 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(201, 98, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 98, 215)  
}
```

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(201, 98, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 98, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 71.561, 323.554 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(201, 98, 215) }
```

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

```
.border{ border-color:rgb(201, 98, 215) }
```

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

Here you see how a box with a 4 pixel rgb(201, 98, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 98, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 98, 215);  
box-shadow:4px 4px 4px 4px rgb(201, 98,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 71.561, 323.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 98, 215) }
```

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

```
.background{ background-color: rgb(201, 98,  
215) }
```

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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