

Converting Colors

CIELCh(58, 67.338, 321.847)

Have a look what the booklet for
CIELCh(58, 67.338, 321.847)
contains.

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Color

CIELCh(58, 67.257, 321.823)

Conversions

Conversions Part 1

Format	Color
Hex	C267D5
RGB	194, 103, 213
RGB Percent	76%, 40%, 84%
CMY	0.2394, 0.5962, 0.1648
CMYK	0.09, 0.52, 0.00, 0.16
HSL	290°, 57%, 62%
HSV	290°, 52%, 84%
XYZ	39.0917, 25.9610, 65.8783
YIQ	142.7490, 18.9260, 53.5020

Conversions

Conversions Part 2

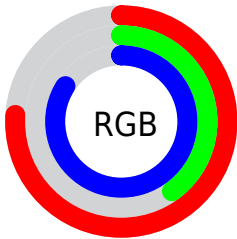
Format	Color
RYB	194, 103, 213
Decimal	12740565
CIELab	58.00, 52.87, -41.57
CIELCh	58, 67.257, 321.823
Yxy	25.9610, 0.2986, 0.1983
Android (android.graphics.Color)	4290930645 (0xFFC267D5)
YUV	142.7490, 34.6337, 44.9471
Hunter-Lab	50.9519, 47.7842, -40.9926

Details

The CIELCh color $58, 67.257, 321.823$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $78, 66.239, 136.454$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $77, 60.493, 325.620$, and $38, 67.159, 321.791$ is the 20% darker color. If you saturate the color by 10%, you get $54, 78.567, 322.092$, and if you desaturate by 10%, it is $63, 54.839, 321.463$.

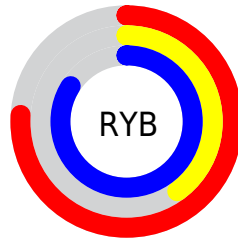
Distribution



Red (76%)

Green (40%)

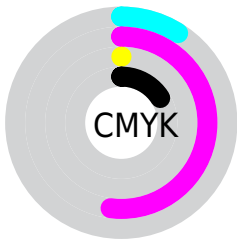
Blue (84%)



Red (76%)

Yellow (40%)

Blue (84%)

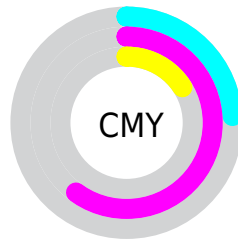


Cyan (9%)

Magenta (52%)

Yellow (0%)

Black (16%)



Cyan (24%)


Magenta (60%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 67.257, 321.823 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, 67.257, 321.823 by changing the saturation by 10% instead.


 58, 67.257,
321.823


 58, 67.257,
321.823


 100, 67.257,
321.823


 48, 67.257,
321.823


 78, 67.257,
321.823

 38, 67.257,
321.823

 88, 67.257,
321.823

 28, 67.257,
321.823

 98, 67.257,
321.823

 18, 67.257,
321.823

 8, 67.257, 321.823

 0, 67.257, 321.823

58, 67.257,
321.823

58, 67.257,
321.823

54, 78.567,
322.092

63, 54.839,
321.463

50, 88.193,
322.230

68, 41.806,
321.044

47, 95.556,
322.195

73, 28.525,
320.595

45, 100.258,
321.954

79, 15.249,
320.131

44, 102.434,
321.614

84, 2.145, 319.589

90, 10.685,
139.280

96, 23.186,
138.854

97, 24.321,
136.588

■ 97, 23.704,
133.870

Harmonies

Complementary

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



58, 67.257, 321.823



78, 66.239, 136.454

Rectangle

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



58, 67.257, 321.823



58, 67.257, 11.823



58, 67.257, 141.823



58, 67.257, 191.823

Sweetspot

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



58, 67.255, 321.823



90, 22.786, 320.295



54, 51.747, 290.056



47, 15.568, 320.394



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, 67.255, 321.823



64, 91.194, 322.112



59, 55.996, 339.143



42, 7.451, 320.027



35, 86.894, 321.708



5, 31.740, 321.753

Inverse Universe

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



57, 46.194, 12.670



63, 64.416, 15.617



77, 55.490, 149.968



42, 4.661, 6.148



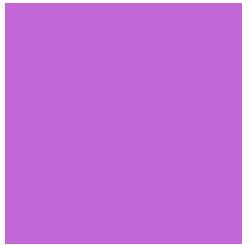
35, 69.871, 31.094



5, 22.019, 12.074

Previews

White Background



This preview shows how the CIELCh color 58, 67.257, 321.823 looks on a white background.

Color Contrast Check

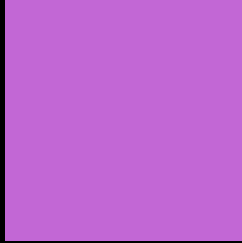
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.257, 321.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

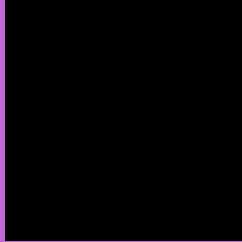
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 67.257, 321.823

Background



This preview shows how black text looks on a background with the CIELCh color 58, 67.257, 321.823.

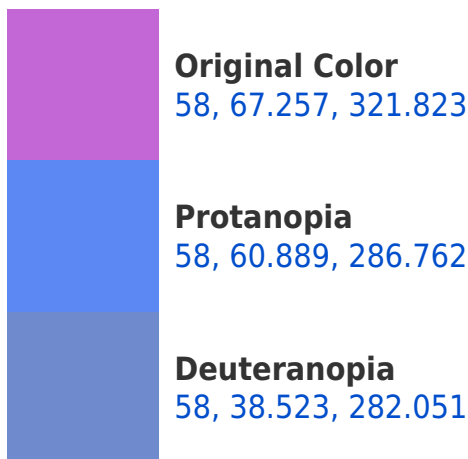


This preview shows how white text looks on a background with the CIELCh color 58, 67.257, 321.823.

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, 25.072, 10.758

Trichromacy



Original Color
58, 67.257, 321.823



Protanomaly
57, 61.507, 298.062



Deuteranomaly
57, 47.656, 300.925



Tritanomaly
58, 36.604, 340.164

Monochromacy



Original Color
58, 67.257, 321.823



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 26.038, 321.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 67.257, 321.823 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(194, 103, 213)` looks like.

```
.text, #text, p{  
    color:rgb(194, 103, 213)  
}
```

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(194, 103, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 103, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 67.257, 321.823 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(194, 103, 213) }
```

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

```
.border{ border-color:rgb(194, 103, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 103, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 103, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 103, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 103,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 67.257, 321.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 103, 213) }
```

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

```
.background{ background-color: rgb(194,  
103, 213) }
```

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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