

Converting Colors

CIELCh(57, 69.537, 317.549)

Have a look what the booklet for
CIELCh(57, 69.537, 317.549)
contains.

CIELCh(57, 69.738, 317.418)	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(57, 69.738, 317.418)

Conversions

Conversions Part 1

Format	Color
Hex	B767DC
RGB	183, 103, 220
RGB Percent	72%, 40%, 86%
CMY	0.2825, 0.5962, 0.1374
CMYK	0.17, 0.53, 0.00, 0.14
HSL	281°, 63%, 63%
HSV	281°, 53%, 86%
XYZ	37.2808, 24.9227, 70.5317
YIQ	140.2580, 10.1230, 53.3470

Conversions

Conversions Part 2

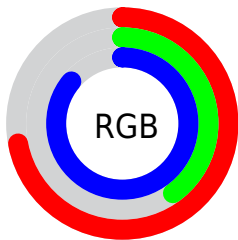
Format	Color
R _Y B	183, 103, 220
Decimal	12019676
CIE Lab	57.00, 51.35, -47.19
CIE LCh	57, 69.738, 317.418
Yxy	24.9227, 0.2809, 0.1878
Android (android.graphics.Color)	4290209756 (0xFFB767DC)
YUV	140.2580, 39.3128, 37.4847
Hunter-Lab	49.9226, 45.9343, -48.8203

Details

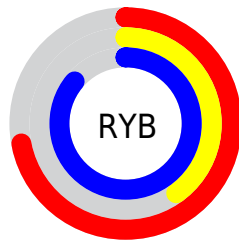
The CIELCh color $57, 69.738, 317.418$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $81, 66.934, 132.552$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 59.022, 322.262$, and $37, 69.379, 317.399$ is the 20% darker color. If you saturate the color by 10%, you get $52, 81.632, 317.674$, and if you desaturate by 10%, it is $62, 56.922, 317.059$.

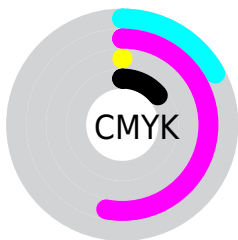
Distribution



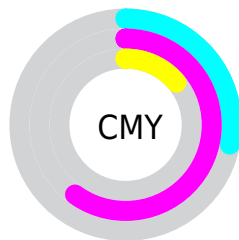
- Red (72%)
- Green (40%)
- Blue (86%)



- Red (72%)
- Yellow (40%)
- Blue (86%)



- Cyan (17%)
- Magenta (53%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (60%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 69.738, 317.418 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 57, 69.738, 317.418 by changing the saturation by 10% instead.

 57, 69.738,
317.418


 57, 69.738,
317.418

 100, 69.738,
317.418


 47, 69.738,
317.418


 77, 69.738,
317.418

 37, 69.738,
317.418

 87, 69.738,
317.418

 27, 69.738,
317.418

 97, 69.738,
317.418

 17, 69.738,
317.418

 7, 69.738, 317.418

 0, 69.738, 317.418

57, 69.738,
317.418

57, 69.738,
317.418

52, 81.632,
317.674

62, 56.922,
317.059

48, 91.973,
317.767

68, 43.673,
316.643

44, 100.052,
317.626

74, 30.323,
316.203

42, 105.298,
317.186

80, 17.085,
315.760

41, 107.502,
316.744

86, 4.089, 315.302

92, 8.595, 134.972

98, 19.753,
134.061

98, 18.775,
127.297

■ 99, 18.091,
119.799

Harmonies

Complementary

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



57, 69.738, 317.418



81, 66.934, 132.552

Rectangle

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



57, 69.738, 317.418



57, 69.738, 7.418



57, 69.738, 137.418



57, 69.738, 187.418

Sweetspot

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



57, 69.736, 317.418



89, 23.439, 315.890



59, 45.856, 282.383



46, 15.857, 315.982



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 69.736, 317.418



60, 92.944, 317.698



61, 64.370, 333.437



43, 7.308, 315.595



32, 89.929, 316.901



4, 32.691, 316.711

Inverse Universe

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



59, 49.491, 2.191



62, 66.047, 5.039



79, 64.758, 145.091



43, 5.046, 355.679



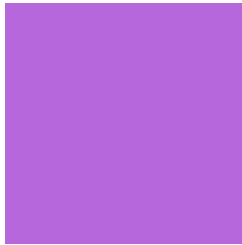
36, 65.095, 19.340



6, 23.943, 6.083

Previews

White Background



This preview shows how the CIELCh color 57, 69.738, 317.418 looks on a white background.

Color Contrast Check

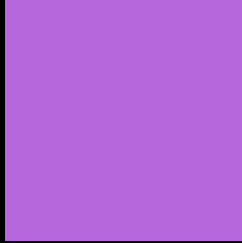
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 69.738, 317.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

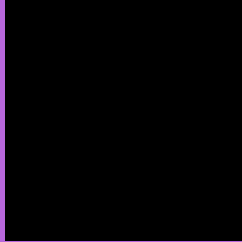
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 69.738, 317.418

Background



This preview shows how black text looks on a background with the CIELCh color 57, 69.738, 317.418.

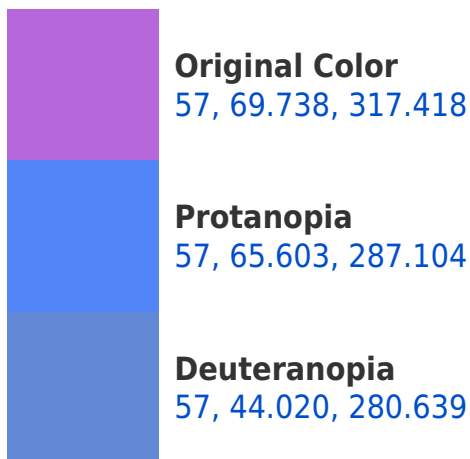



This preview shows how white text looks on a background with the CIELCh color 57, 69.738, 317.418.

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
57, 18.939, 6.041

Trichromacy



Original Color
57, 69.738, 317.418



Protanomaly
56, 66.106, 296.440



Deuteranomaly
56, 52.028, 296.883



Tritanomaly
57, 34.616, 331.631

Monochromacy



Original Color
57, 69.738, 317.418



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 26.292, 316.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 69.738, 317.418 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(183, 103, 220)` looks like.

```
.text, #text, p{  
    color:rgb(183, 103, 220)  
}
```

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(183, 103, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 103, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 69.738, 317.418 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(183, 103, 220) }
```

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

```
.border{ border-color:rgb(183, 103, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 103, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 103, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 103, 220);  
box-shadow:4px 4px 4px 4px rgb(183, 103,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 69.738, 317.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 103, 220) }
```

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

```
.background{ background-color: rgb(183,  
103, 220) }
```

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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