

# Converting Colors

CIELCh(57, 64.144, 327.069)

Have a look what the booklet for  
CIELCh(57, 64.144, 327.069)  
contains.

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**Color**

**CIELCh(57, 64.038, 327.352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C762C6
RGB	199, 98, 198
RGB Percent	78%, 38%, 78%
CMY	0.2200, 0.6160, 0.2239
CMYK	0.00, 0.51, 0.01, 0.22
HSL	301°, 47%, 58%
HSV	301°, 51%, 78%
XYZ	38.0721, 24.9227, 56.1768
YIQ	139.5990, 28.0960, 52.5120

# Conversions

## Conversions Part 2

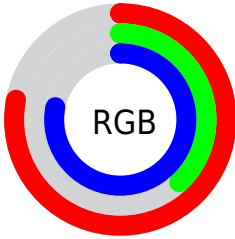
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 98, 198
Decimal	13066950
CIE <sub>Lab</sub>	57.00, 53.92, -34.55
CIE <sub>LCh</sub>	57, 64.038, 327.352
Yxy	24.9227, 0.3195, 0.2091
Android (android.graphics.Color)	4291257030 (0xFFC762C6)
YUV	139.5990, 28.7917, 52.0947
Hunter-Lab	49.9226, 48.7635, -31.7718

# Details

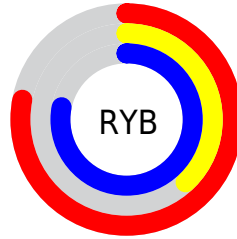
The CIELCh color  $57, 64.038, 327.352$  is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be  $72, 64.416, 140.536$ , and the grayscale version is  $58, 0.007, 296.813$ .

A 20% lighter version of the original color is  $77, 63.873, 326.613$ , and  $37, 64.291, 327.399$  is the 20% darker color. If you saturate the color by 10%, you get  $54, 74.404, 327.764$ , and if you desaturate by 10%, it is  $61, 52.370, 326.882$ .

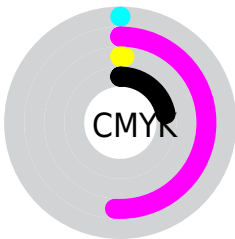
# Distribution



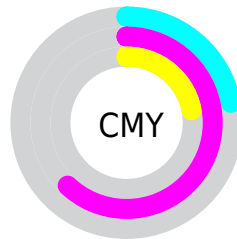
- Red (78%)
- Green (38%)
- Blue (78%)



- Red (78%)
- Yellow (38%)
- Blue (78%)



- Cyan (0%)
- Magenta (51%)
- Yellow (1%)
- Black (22%)




- Cyan (22%)
- Magenta (62%)
- Yellow (22%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 64.038, 327.352 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, 64.038, 327.352 by changing the saturation by 10% instead.





 57, 64.038,  
327.352


 57, 64.038,  
327.352


 100, 64.038,  
327.352


 47, 64.038,  
327.352


 77, 64.038,  
327.352

 37, 64.038,  
327.352

 87, 64.038,  
327.352

 27, 64.038,  
327.352

 97, 64.038,  
327.352

 17, 64.038,  
327.352

 7, 64.038, 327.352

 0, 64.038, 327.352

57, 64.038,  
327.352

57, 64.038,  
327.352

54, 74.404,  
327.764

61, 52.370,  
326.882

51, 82.974,  
328.103

65, 39.883,  
326.371

49, 89.325,  
328.360

70, 26.972,  
325.832

48, 93.253,  
328.531

75, 13.941,  
325.276

47, 95.110,  
328.631

80, 0.999, 324.488

85, 11.713,  
144.233

90, 24.111,  
143.702

95, 34.917,  
143.261

■ 95, 34.834,  
143.353

# Harmonies

# Complementary

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



57, 64.038, 327.352



72, 64.416, 140.536

# Rectangle

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



57, 64.038, 327.352



57, 64.038, 17.352



57, 64.038, 147.352



57, 64.038, 197.352

# Sweetspot

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



57, 64.036, 327.352



91, 23.798, 325.525



46, 59.677, 297.596



47, 16.247, 325.644



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, 64.036, 327.352



68, 90.989, 327.806



55, 46.861, 349.108



39, 7.333, 325.197



39, 82.128, 328.625



4, 26.519, 327.342



# Inverse Universe

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



57, 64.036, 327.352



68, 90.989, 327.806



73, 44.386, 158.297



39, 7.333, 325.197



39, 82.128, 328.625

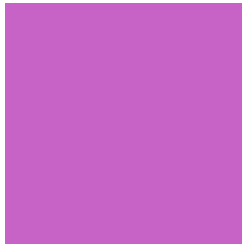


4, 26.519, 327.342



# Previews

## White Background



This preview shows how the CIELCh color 57, 64.038, 327.352 looks on a white background.

## Color Contrast Check

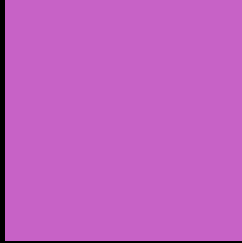
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 64.038, 327.352 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

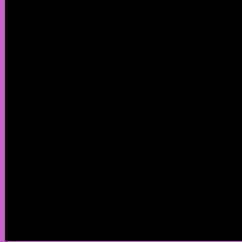
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 57, 64.038, 327.352

## Background



This preview shows how black text looks on a background with the CIELCh color 57, 64.038, 327.352.

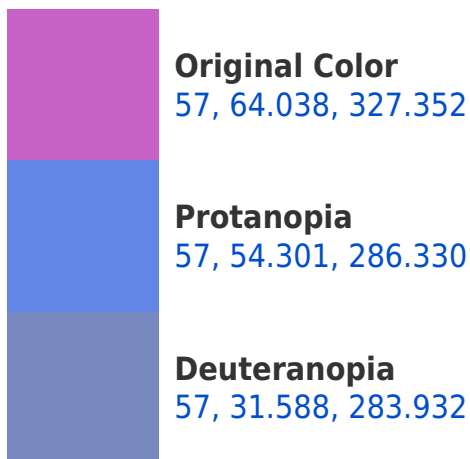


This preview shows how white text looks on a background with the CIELCh color 57, 64.038, 327.352.

# 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

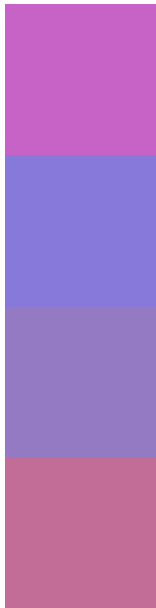






**Tritanopia**  
57, 31.137, 14.963

# Trichromacy



**Original Color**  
57, 64.038, 327.352

**Protanomaly**  
56, 55.698, 300.455

**Deuteranomaly**  
56, 42.235, 306.397

**Tritanomaly**  
57, 39.538, 348.062

# Monochromacy



**Original Color**  
57, 64.038, 327.352

**Achromatopsia**  
58, 0.007, 296.813

**Achromatomaly**  
57, 24.606, 325.631

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 57, 64.038, 327.352 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(199, 98, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 98, 198)  
}
```

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(199, 98, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 98, 198) }
```

## Border

The CSS property to change the border of an element to CIELCh 57, 64.038, 327.352 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(199, 98, 198) }
```

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

```
.border{ border-color:rgb(199, 98, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 98, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 98, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 98, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 98,  
198) }
```

# Background

The CSS property to change the background color of an element to CIELCh 57, 64.038, 327.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 98, 198) }
```

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

```
.background{ background-color: rgb(199, 98,  
198) }
```

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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