

Converting Colors

CIELCh(57, 68.982, 324.634)

Have a look what the booklet for
CIELCh(57, 68.982, 324.634)
contains.

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Color

CIELCh(57, 68.897, 324.713)

Conversions

Conversions Part 1

Format	Color
Hex	C660CF
RGB	198, 96, 207
RGB Percent	78%, 38%, 81%
CMY	0.2230, 0.6230, 0.1877
CMYK	0.04, 0.54, 0.00, 0.19
HSL	295°, 54%, 59%
HSV	295°, 54%, 81%
XYZ	38.7951, 24.9227, 61.8783
YIQ	139.1520, 25.1610, 56.1450

Conversions

Conversions Part 2

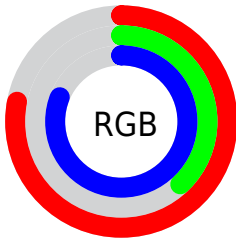
Format	Color
R_{YB}	198, 96, 207
Decimal	13000911
CIE _{Lab}	57.00, 56.24, -39.80
CIE _{LCh}	57, 68.897, 324.713
Yxy	24.9227, 0.3089, 0.1984
Android (android.graphics.Color)	4291190991 (0xFFC660CF)
YUV	139.1520, 33.4491, 51.6097
Hunter-Lab	49.9226, 51.3485, -38.5432

Details

The CIELCh color $57, 68.897, 324.713$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $75, 68.761, 138.371$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $76, 64.458, 326.633$, and $37, 68.976, 324.625$ is the 20% darker color. If you saturate the color by 10%, you get $53, 79.406, 325.014$, and if you desaturate by 10%, it is $61, 57.027, 324.328$.

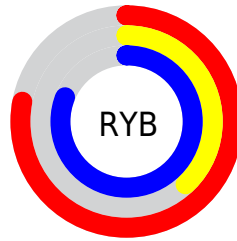
Distribution



Red (78%)

Green (38%)

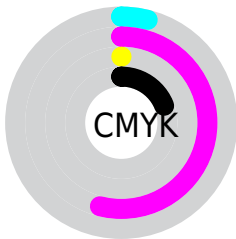
Blue (81%)



Red (78%)

Yellow (38%)

Blue (81%)

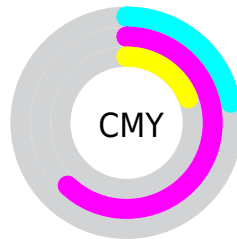


Cyan (4%)

Magenta (54%)

Yellow (0%)

Black (19%)



Cyan (22%)


Magenta (62%)


Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 68.897, 324.713 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, 68.897, 324.713 by changing the saturation by 10% instead.


 57, 68.897,
324.713


 57, 68.897,
324.713


 100, 68.897,
324.713

 47, 68.897,
324.713


 77, 68.897,
324.713

 37, 68.897,
324.713

 87, 68.897,
324.713

 27, 68.897,
324.713

 97, 68.897,
324.713

 17, 68.897,
324.713

 7, 68.897, 324.713

 0, 68.897, 324.713

57, 68.897,
324.713

57, 68.897,
324.713

53, 79.406,
325.014

61, 57.027,
324.328

50, 88.017,
325.204

66, 44.310,
323.884

48, 94.267,
325.260

71, 31.159,
323.404

47, 97.945,
325.169

76, 17.883,
322.904

46, 99.299,
325.053

81, 4.695, 322.370

87, 8.268, 141.965

92, 20.923,
141.478

96, 29.102,
140.866

■ 96, 28.776,
139.920

Harmonies

Complementary

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



57, 68.897, 324.713



75, 68.761, 138.371

Rectangle

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



57, 68.897, 324.713



57, 68.897, 14.713



57, 68.897, 144.713



57, 68.897, 194.713

Sweetspot

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



57, 68.895, 324.713



90, 24.958, 323.036



48, 59.585, 295.093



47, 16.866, 323.140



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, 68.895, 324.713



65, 94.200, 325.042



56, 53.195, 344.595



41, 7.504, 322.690



37, 85.080, 325.098



5, 30.433, 324.835

Inverse Universe

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



55, 47.600, 20.044



62, 68.216, 23.154



76, 51.692, 153.869



41, 4.478, 13.380



35, 73.186, 36.469



4, 20.040, 15.691

Previews

White Background



This preview shows how the CIELCh color 57, 68.897, 324.713 looks on a white background.

Color Contrast Check

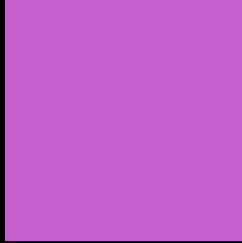
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.897, 324.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

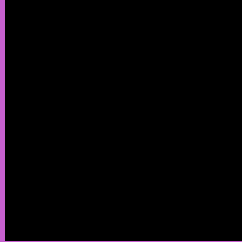
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 68.897, 324.713

Background



This preview shows how black text looks on a background with the CIELCh color 57, 68.897, 324.713.

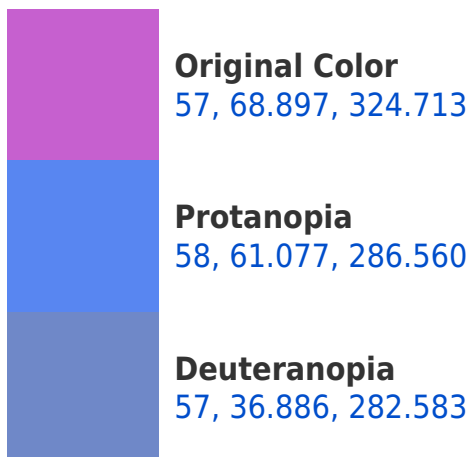


This preview shows how white text looks on a background with the CIELCh color 57, 68.897, 324.713.

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, 29.837, 13.335

Trichromacy



Original Color
57, 68.897, 324.713



Protanomaly
56, 62.352, 298.964



Deuteranomaly
56, 46.954, 303.386



Tritanomaly
57, 40.634, 344.224

Monochromacy



Original Color
57, 68.897, 324.713



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 27.366, 323.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 68.897, 324.713 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(198, 96, 207)` looks like.

```
.text, #text, p{  
    color:rgb(198, 96, 207)  
}
```

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(198, 96, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 96, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 68.897, 324.713 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(198, 96, 207) }
```

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

```
.border{ border-color:rgb(198, 96, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 96, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 96, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 96, 207);  
box-shadow:4px 4px 4px 4px rgb(198, 96,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 68.897, 324.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 96, 207) }
```

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

```
.background{ background-color: rgb(198, 96,  
207) }
```

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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