

Converting Colors

CIELCh(60, 57.573, 322.917)

Have a look what the booklet for
CIELCh(60, 57.573, 322.917)
contains.

CIELCh(60, 57.661, 323.203)	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(60, 57.661, 323.203)

Conversions

Conversions Part 1

Format	Color
Hex	C372CE
RGB	195, 114, 206
RGB Percent	76%, 45%, 81%
CMY	0.2350, 0.5526, 0.1918
CMYK	0.05, 0.45, 0.00, 0.19
HSL	293°, 48%, 63%
HSV	293°, 45%, 81%
XYZ	39.7012, 28.1233, 61.7780
YIQ	148.7070, 18.7440, 45.7840

Conversions

Conversions Part 2

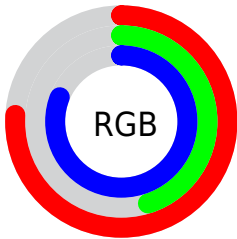
Format	Color
RYB	195, 114, 206
Decimal	12808910
CIELab	60.00, 46.17, -34.54
CIELCh	60, 57.661, 323.203
Yxy	28.1233, 0.3063, 0.2170
Android (android.graphics.Color)	4290998990 (0xFFC372CE)
YUV	148.7070, 28.2454, 40.5990
Hunter-Lab	53.0314, 40.8263, -31.9468

Details

The CIELCh color $60, 57.661, 323.203$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $76, 57.181, 138.282$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 54.009, 325.632$, and $40, 57.604, 323.173$ is the 20% darker color. If you saturate the color by 10%, you get $56, 69.414, 323.559$, and if you desaturate by 10%, it is $65, 45.081, 322.783$.

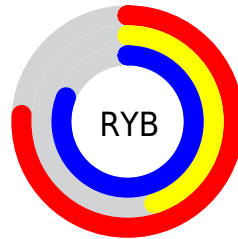
Distribution



Red (76%)

Green (45%)

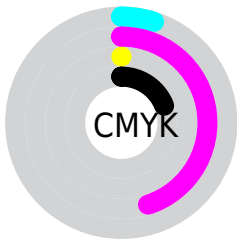
Blue (81%)



Red (76%)

Yellow (45%)

Blue (81%)

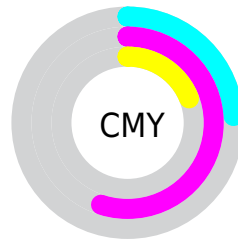


Cyan (5%)

Magenta (45%)

Yellow (0%)

Black (19%)



Cyan (24%)


Magenta (55%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 57.661, 323.203 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 60, 57.661, 323.203 by changing the saturation by 10% instead.


 60, 57.661,
323.203


 60, 57.661,
323.203


 100, 57.661,
323.203


 50, 57.661,
323.203


 80, 57.661,
323.203

 40, 57.661,
323.203

 90, 57.661,
323.203

 30, 57.661,
323.203

 20, 57.661,
323.203

 10, 57.661,
323.203

 0, 57.661, 323.203

 60, 57.661,

 60, 57.661,

323.203

56, 69.414,
323.559

52, 79.835,
323.822

49, 88.367,
323.957

47, 94.530,
323.936

45, 98.102,
323.741

45, 99.292,
323.588

323.203

65, 45.081,
322.783

70, 32.091,
322.323

75, 18.989,
321.843


80, 5.980, 321.340

86, 6.804, 140.948

91, 19.286,
140.477

96, 29.409,
139.893

96, 28.944,
138.490

 96, 28.495,
137.031

Harmonies

Complementary

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



60, 57.661, 323.203



76, 57.181, 138.282

Rectangle

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



60, 57.661, 323.203



60, 57.661, 13.203



60, 57.661, 143.203



60, 57.661, 193.203

Sweetspot

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



60, 57.659, 323.203



92, 20.019, 321.771



55, 45.749, 290.929



48, 14.028, 321.880



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 57.659, 323.203



68, 81.536, 323.560



60, 46.242, 340.880



40, 7.269, 321.586



36, 84.433, 323.657



4, 27.823, 322.809

Inverse Universe

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



59, 38.604, 15.180



66, 56.403, 17.421



76, 45.328, 152.907



40, 4.416, 10.303



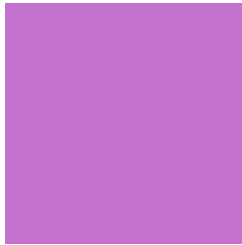
34, 70.653, 34.383



4, 18.030, 13.535

Previews

White Background



This preview shows how the CIELCh color 60, 57.661, 323.203 looks on a white background.

Color Contrast Check

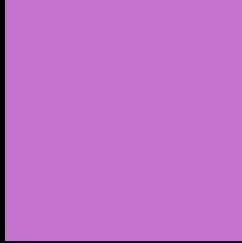
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 57.661, 323.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

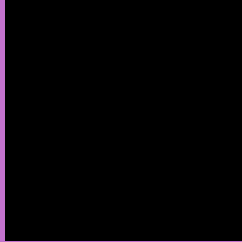
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 57.661, 323.203

Background



This preview shows how black text looks on a background with the CIELCh color 60, 57.661, 323.203.

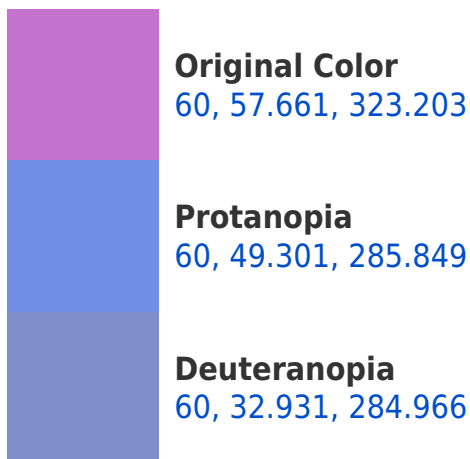


This preview shows how white text looks on a background with the CIELCh color 60, 57.661, 323.203.

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
60, 23.708, 8.507

Trichromacy



Original Color
60, 57.661, 323.203



Protanomaly
59, 50.529, 298.929



Deuteranomaly
59, 40.885, 303.648

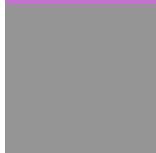


Tritanomaly
60, 32.776, 341.498

Monochromacy



Original Color
60, 57.661, 323.203



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 22.244, 322.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 57.661, 323.203 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(195, 114, 206)` looks like.

```
.text, #text, p{  
    color:rgb(195, 114, 206)  
}
```

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(195, 114, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 114, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 57.661, 323.203 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(195, 114, 206) }
```

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

```
.border{ border-color:rgb(195, 114, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 114, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 114, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 114, 206);  
box-shadow:4px 4px 4px 4px rgb(195, 114,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 57.661, 323.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 114, 206) }
```

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

```
.background{ background-color: rgb(195,  
114, 206) }
```

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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