

Converting Colors

CIELCh(61, 42.602, 339.721)

Have a look what the booklet for
CIELCh(61, 42.602, 339.721)
contains.

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Color

CIELCh(61, 42.491, 339.650)

Conversions

Conversions Part 1

Format	Color
Hex	CB78AE
RGB	203, 120, 174
RGB Percent	80%, 47%, 68%
CMY	0.2033, 0.5288, 0.3171
CMYK	0.00, 0.41, 0.14, 0.20
HSL	321°, 44%, 63%
HSV	321°, 41%, 80%
XYZ	39.0598, 29.2481, 43.7075
YIQ	150.9730, 32.1340, 34.3900

Conversions

Conversions Part 2

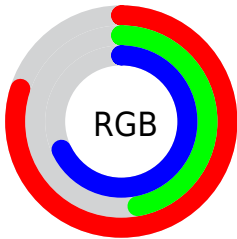
Format	Color
R _Y B	203, 120, 174
Decimal	13334702
CIE Lab	61.00, 39.84, -14.78
CIE LCh	61, 42.491, 339.650
Yxy	29.2481, 0.3487, 0.2611
Android (android.graphics.Color)	4291524782 (0xFFC7B78AE)
YUV	150.9730, 11.3523, 45.6277
Hunter-Lab	54.0815, 34.2771, -10.0597

Details

The CIELCh color $61, 42.491, 339.650$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $75, 41.756, 152.659$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 41.047, 337.002$, and $41, 42.428, 339.328$ is the 20% darker color. If you saturate the color by 10%, you get $57, 52.083, 340.666$, and if you desaturate by 10%, it is $66, 32.270, 338.734$.

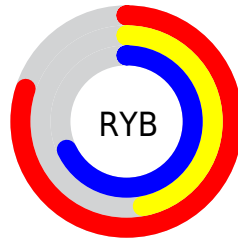
Distribution



Red (80%)

Green (47%)

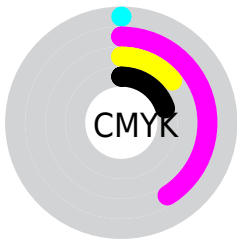
Blue (68%)



Red (80%)

Yellow (47%)

Blue (68%)

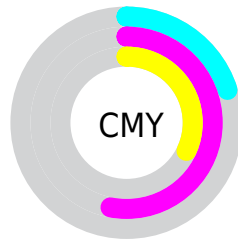


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (53%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 42.491, 339.650 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 61, 42.491, 339.650 by changing the saturation by 10% instead.


 61, 42.491,
339.650


 61, 42.491,
339.650


 100, 42.491,
339.650


 51, 42.491,
339.650


 81, 42.491,
339.650

 41, 42.491,
339.650

 91, 42.491,
339.650

 31, 42.491,
339.650

 21, 42.491,
339.650

 11, 42.491,
339.650

 1, 42.491, 339.650

 0, 42.491, 339.650

61, 42.491,
339.650

61, 42.491,
339.650

57, 52.083,
340.666

66, 32.270,
338.734

53, 60.597,
341.818

71, 21.780,
337.893

50, 67.514,
343.159

76, 11.266,
337.105

47, 72.354,
344.765

81, 0.889, 336.015

87, 9.253, 155.786


46, 74.845,
346.733

92, 19.110,
155.138

45, 75.427,
348.872

96, 24.299,
156.922

96, 21.898,
163.799

 96, 19.850,
172.177

Harmonies

Complementary

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



61, 42.491, 339.650



75, 41.756, 152.659

Rectangle

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



61, 42.491, 339.650



61, 42.491, 29.650



61, 42.491, 159.650



61, 42.491, 209.650

Sweetspot

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



61, 42.488, 339.651



92, 14.987, 337.206



56, 48.421, 305.807



48, 9.951, 337.309



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 42.488, 339.651



71, 60.493, 340.538



60, 34.655, 10.870



40, 5.897, 336.992



36, 65.022, 348.467



4, 21.884, 343.854

Inverse Universe

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



61, 42.488, 339.651



71, 60.493, 340.538



76, 28.564, 182.091



40, 5.897, 336.992



36, 65.022, 348.467



4, 21.884, 343.854

Previews

White Background



This preview shows how the CIELCh color 61, 42.491, 339.650 looks on a white background.

Color Contrast Check

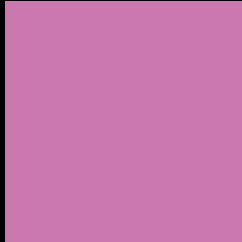
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 42.491, 339.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

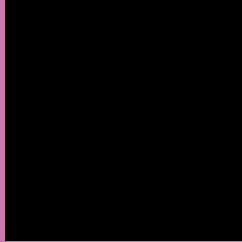
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 42.491, 339.650

Background



This preview shows how black text looks on a background with the CIELCh color 61, 42.491, 339.650.



This preview shows how white text looks on a background with the CIELCh color 61, 42.491, 339.650.

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](#).

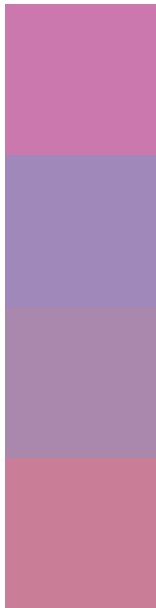
Dichromacy





Tritanopia
61, 29.847, 12.170

Trichromacy



Original Color
61, 42.491, 339.650

Protanomaly
61, 28.939, 309.294

Deuteranomaly
61, 24.598, 324.065

Tritanomaly
61, 32.973, 357.464

Monochromacy



Original Color
61, 42.491, 339.650

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 15.721, 338.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 42.491, 339.650 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(203, 120, 174)` looks like.

```
.text, #text, p{  
    color:rgb(203, 120, 174)  
}
```

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(203, 120, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 120, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 42.491, 339.650 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(203, 120, 174) }
```

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

```
.border{ border-color:rgb(203, 120, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 120, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 120, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 120, 174);  
box-shadow:4px 4px 4px 4px rgb(203, 120,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 42.491, 339.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 120, 174) }
```

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

```
.background{ background-color: rgb(203,  
120, 174) }
```

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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