

Converting Colors

CIELCh(61, 73.992, 317.701)

Have a look what the booklet for
CIELCh(61, 73.992, 317.701)
contains.

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Color

CIELCh(61, 74.193, 317.886)

Conversions

Conversions Part 1

Format	Color
Hex	C66EEC
RGB	198, 110, 236
RGB Percent	78%, 43%, 93%
CMY	0.2232, 0.5683, 0.0742
CMYK	0.16, 0.53, 0.00, 0.07
HSL	282°, 77%, 68%
HSV	282°, 53%, 93%
XYZ	44.0492, 29.2481, 82.7469
YIQ	150.6760, 12.0020, 57.8420

Conversions

Conversions Part 2

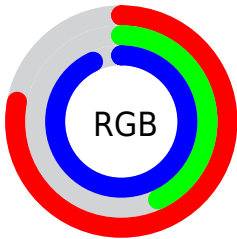
Format	Color
R_{YB}	198, 110, 236
Decimal	13004524
CIE _{Lab}	61.00, 55.04, -49.75
CIE _{LCh}	61, 74.193, 317.886
Yxy	29.2481, 0.2823, 0.1874
Android (android.graphics.Color)	4291194604 (0xFFC66EEC)
YUV	150.6760, 42.0647, 41.5031
Hunter-Lab	54.0815, 50.7450, -52.8590

Details

The CIELCh color **61, 74.193, 317.886** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **86, 71.400, 132.951**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.135, 326.357**, and **41, 73.770, 317.880** is the 20% darker color. If you saturate the color by 10%, you get **56, 86.673, 318.131**, and if you desaturate by 10%, it is **67, 60.673, 317.534**.

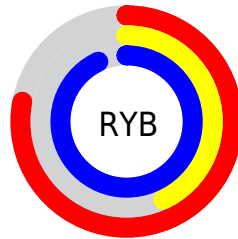
Distribution



Red (78%)

Green (43%)

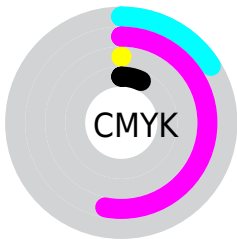
Blue (93%)



Red (78%)

Yellow (43%)

Blue (93%)

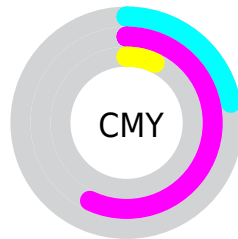


Cyan (16%)

Magenta (53%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (57%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 74.193, 317.886 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, 74.193, 317.886 by changing the saturation by 10% instead.

 61, 74.193,
317.886


 61, 74.193,
317.886


 100, 74.193,
317.886


 51, 74.193,
317.886


 81, 74.193,
317.886

 41, 74.193,
317.886

 91, 74.193,
317.886

 31, 74.193,
317.886

 21, 74.193,
317.886

 11, 74.193,
317.886

 1, 74.193, 317.886

 0, 74.193, 317.886

61, 74.193,
317.886

61, 74.193,
317.886

56, 86.673,
318.131

67, 60.673,
317.534

52, 97.437,
318.211

72, 46.648,
317.122

48, 105.742,
318.055

79, 32.483,
316.683

46, 111.020,
317.605

85, 18.418,
316.239

44, 113.096,
317.167

91, 4.598, 315.780

98, 8.895, 135.444

99, 9.936, 124.182

100, 9.574,
109.452

Harmonies

Complementary

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



61, 74.193, 317.886



86, 71.400, 132.951

Rectangle

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



61, 74.193, 317.886



61, 74.193, 7.886



61, 74.193, 137.886



61, 74.193, 187.886

Sweetspot

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



61, 74.191, 317.886



89, 23.523, 316.358



63, 48.754, 282.493



46, 15.912, 316.450



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, 74.191, 317.886



60, 92.987, 318.146



65, 68.334, 333.466



46, 7.754, 316.066



34, 92.616, 317.328



6, 38.489, 318.300

Inverse Universe

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



63, 52.421, 3.372



62, 65.953, 6.180



85, 68.772, 145.039



46, 5.294, 356.697



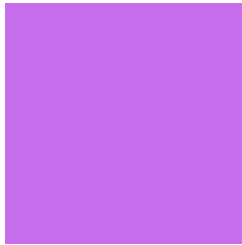
38, 67.722, 20.878



7, 27.799, 9.274

Previews

White Background



This preview shows how the CIELCh color 61, 74.193, 317.886 looks on a white background.

Color Contrast Check

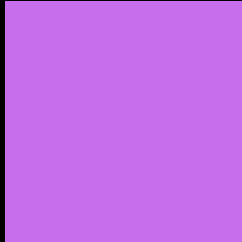
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.193, 317.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

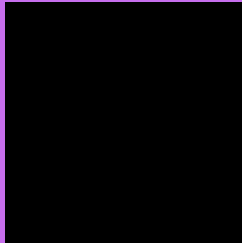
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 74.193, 317.886

Background



This preview shows how black text looks on a background with the CIELCh color 61, 74.193, 317.886.

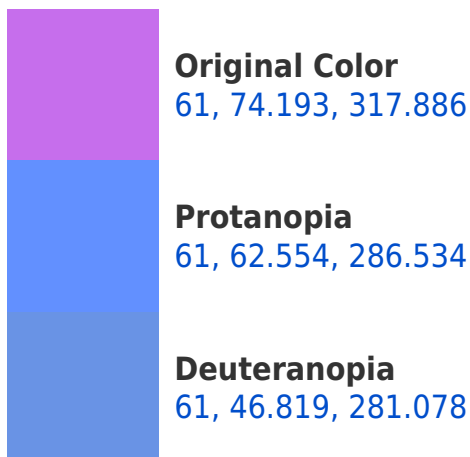


This preview shows how white text looks on a background with the CIELCh color 61, 74.193, 317.886.

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, 20.777, 6.157

Trichromacy



Original Color
61, 74.193, 317.886



Protanomaly
60, 65.297, 297.365



Deuteranomaly
60, 55.319, 297.448



Tritanomaly
60, 37.247, 332.238

Monochromacy



Original Color
61, 74.193, 317.886



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 28.447, 316.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 74.193, 317.886 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, 110, 236)` looks like.

```
.text, #text, p{  
    color:rgb(198, 110, 236)  
}
```

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, 110, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 110, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 74.193, 317.886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

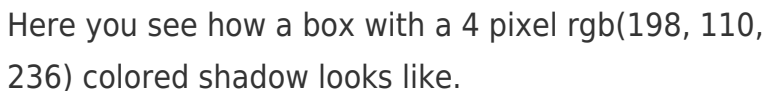
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 110, 236) }
```

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

```
.border{ border-color:rgb(198, 110, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 110, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 110, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 110, 236); box-shadow:4px 4px 4px 4px rgb(198, 110, 236) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 74.193, 317.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 110, 236) }
```

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

```
.background{ background-color: rgb(198,  
110, 236) }
```

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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