

Converting Colors

CIELCh(59, 74.445, 315.797)

Have a look what the booklet for
CIELCh(59, 74.445, 315.797)
contains.

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Color

CIELCh(59, 74.379, 315.795)

Conversions

Conversions Part 1

Format	Color
Hex	BB6BEA
RGB	187, 107, 234
RGB Percent	73%, 42%, 92%
CMY	0.2666, 0.5803, 0.0823
CMYK	0.20, 0.54, 0.00, 0.08
HSL	278°, 75%, 67%
HSV	278°, 54%, 92%
XYZ	40.6116, 27.0277, 80.9329
YIQ	145.3980, 6.9130, 56.4570

Conversions

Conversions Part 2

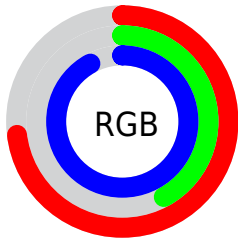
Format	Color
R _Y B	187, 107, 234
Decimal	12282858
CIE Lab	59.00, 53.32, -51.86
CIE LCh	59, 74.379, 315.795
Yxy	27.0277, 0.2733, 0.1819
Android (android.graphics.Color)	4290472938 (0xFFBB6BEA)
YUV	145.3980, 43.6808, 36.4850
Hunter-Lab	51.9882, 48.4593, -55.9082

Details

The CIELCh color **59, 74.379, 315.795** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **85, 70.534, 130.891**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 57.250, 323.615**, and **39, 74.782, 315.869** is the 20% darker color. If you saturate the color by 10%, you get **54, 86.951, 316.068**, and if you desaturate by 10%, it is **65, 60.882, 315.414**.

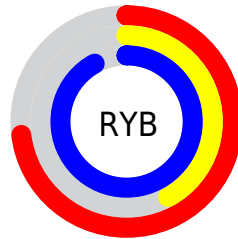
Distribution



Red (73%)

Green (42%)

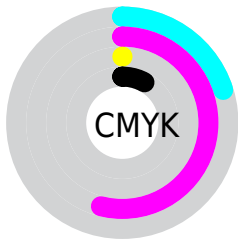
Blue (92%)



Red (73%)

Yellow (42%)

Blue (92%)

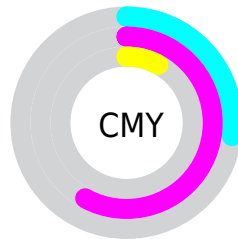


Cyan (20%)

Magenta (54%)

Yellow (0%)

Black (8%)



Cyan (27%)


Magenta (58%)


Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 74.379, 315.795 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 59, 74.379, 315.795 by changing the saturation by 10% instead.

 59, 74.379,
315.795

 59, 74.379,
315.795


 100, 74.379,
315.795

 49, 74.379,
315.795


 79, 74.379,
315.795

 39, 74.379,
315.795

 89, 74.379,
315.795

 29, 74.379,
315.795

 99, 74.379,
315.795

 19, 74.379,
315.795

 9, 74.379, 315.795

 0, 74.379, 315.795

59, 74.379,
315.795

59, 74.379,
315.795

54, 86.951,
316.068

65, 60.882,
315.414

49, 97.905,
316.164

71, 46.982,
314.978

45, 106.437,
315.999

77, 33.021,
314.522

43, 111.896,
315.497

83, 19.214,
314.069

42, 113.889,
315.089

90, 5.683, 313.618

96, 7.503, 133.273

99, 10.977,
123.261

100, 10.620,
109.374

Harmonies

Complementary

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



59, 74.379, 315.795



85, 70.534, 130.891

Rectangle

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



59, 74.379, 315.795



59, 74.379, 5.795



59, 74.379, 135.795



59, 74.379, 185.795

Sweetspot

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



59, 74.377, 315.795



89, 23.145, 314.150



64, 44.836, 277.600



46, 15.662, 314.244



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 74.377, 315.795



58, 94.091, 316.088



64, 71.971, 331.015



46, 7.622, 313.856



32, 93.860, 315.264



5, 38.269, 316.000

Inverse Universe

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



62, 53.799, 358.542



62, 67.497, 1.183



84, 72.658, 142.920



46, 5.494, 352.118



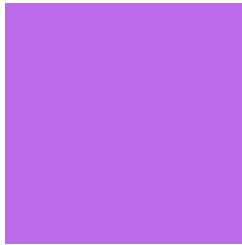
38, 66.006, 14.472



7, 27.871, 4.954

Previews

White Background



This preview shows how the CIELCh color 59, 74.379, 315.795 looks on a white background.

Color Contrast Check

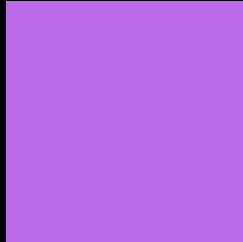
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 74.379, 315.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

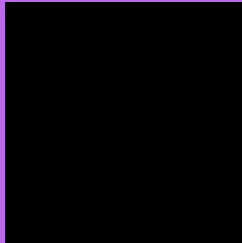
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 74.379, 315.795

Background



This preview shows how black text looks on a background with the CIELCh color 59, 74.379, 315.795.

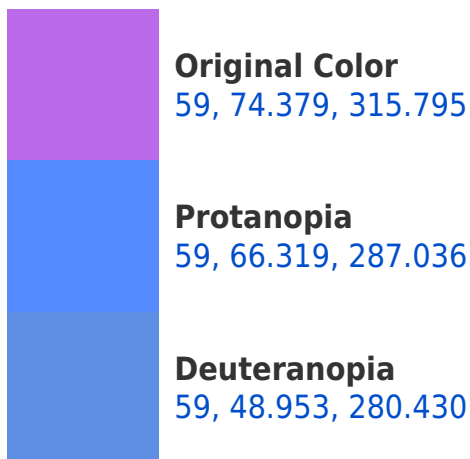


This preview shows how white text looks on a background with the CIELCh color 59, 74.379, 315.795.

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
59, 17.340, 2.438

Trichromacy



Original Color
59, 74.379, 315.795



Protanomaly
58, 67.898, 296.456



Deuteranomaly
58, 57.314, 295.782



Tritanomaly
58, 35.978, 327.124

Monochromacy



Original Color
59, 74.379, 315.795



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 28.215, 314.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 74.379, 315.795 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(187, 107, 234)` looks like.

```
.text, #text, p{  
    color:rgb(187, 107, 234)  
}
```

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(187, 107, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 107, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 74.379, 315.795 is called "border". The border property can be set on classes, ids or directly on the HTML element.

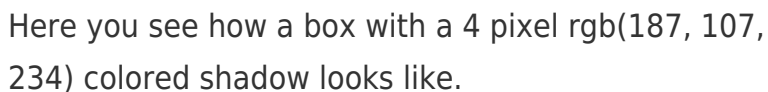
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 107, 234) }
```

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

```
.border{ border-color:rgb(187, 107, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 107, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 107, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 107, 234); box-shadow:4px 4px 4px 4px rgb(187, 107, 234) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 74.379, 315.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 107, 234) }
```

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

```
.background{ background-color: rgb(187,  
107, 234) }
```

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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