

Converting Colors

CIELCh(59, 80.547, 317.549)

Have a look what the booklet for
CIELCh(59, 80.547, 317.549)
contains.

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Color

CIELCh(59, 80.501, 317.478)

Conversions

Conversions Part 1

Format	Color
Hex	C365EF
RGB	195, 101, 239
RGB Percent	76%, 40%, 94%
CMY	0.2365, 0.6050, 0.0639
CMYK	0.18, 0.58, 0.00, 0.06
HSL	281°, 81%, 67%
HSV	281°, 58%, 94%
XYZ	42.5878, 27.0277, 84.3978
YIQ	144.8380, 11.7260, 62.8460

Conversions

Conversions Part 2

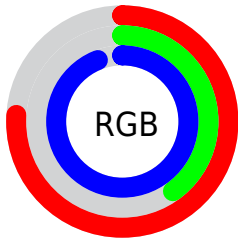
Format	Color
RYB	195, 101, 239
Decimal	12805615
CIELab	59.00, 59.33, -54.41
CIELCh	59, 80.501, 317.478
Yxy	27.0277, 0.2765, 0.1755
Android (android.graphics.Color)	4290995695 (0xFFC365EF)
YUV	144.8380, 46.4219, 43.9921
Hunter-Lab	51.9882, 55.2447, -59.8598

Details

The CIELCh color **59, 80.501, 317.478** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **86, 77.007, 132.248**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.373, 326.241**, and **39, 80.342, 317.546** is the 20% darker color. If you saturate the color by 10%, you get **54, 92.501, 317.664**, and if you desaturate by 10%, it is **64, 67.202, 317.160**.

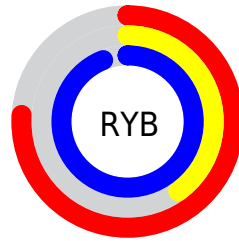
Distribution



Red (76%)

Green (40%)

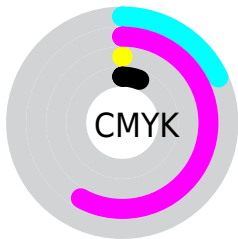
Blue (94%)



Red (76%)

Yellow (40%)

Blue (94%)

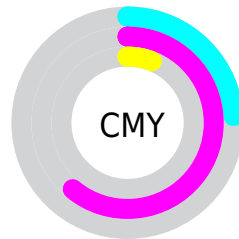


Cyan (18%)

Magenta (58%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (61%)

Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 80.501, 317.478 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, 80.501, 317.478 by changing the saturation by 10% instead.

 59, 80.501,
317.478

 59, 80.501,
317.478

 100, 80.501,
317.478

 49, 80.501,
317.478

 79, 80.501,
317.478

 39, 80.501,
317.478

 89, 80.501,
317.478

 29, 80.501,
317.478

 99, 80.501,
317.478

 19, 80.501,
317.478

 9, 80.501, 317.478

 0, 80.501, 317.478

59, 80.501,
317.478

59, 80.501,
317.478

54, 92.501,
317.664

64, 67.202,
317.160

50, 102.463,
317.650

70, 53.213,
316.763

47, 109.654,
317.365

76, 38.966,
316.329

45, 113.733,
316.764

83, 24.748,
315.883

44, 114.424,
316.615

89, 10.736,
315.440

96, 2.969, 135.113

99, 8.657, 126.319

100, 8.253,
109.551

Harmonies

Complementary

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



59, 80.501, 317.478



86, 77.007, 132.248

Rectangle

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



59, 80.501, 317.478



59, 80.501, 7.478



59, 80.501, 137.478



59, 80.501, 187.478

Sweetspot

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



59, 80.499, 317.478



88, 24.913, 315.850



61, 52.279, 282.568



46, 16.696, 315.940



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, 80.499, 317.478



57, 98.907, 317.676



64, 74.490, 333.118



47, 7.857, 315.514



34, 93.894, 316.779



6, 40.094, 317.889

Inverse Universe

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



61, 57.216, 3.129



60, 70.298, 6.361



85, 75.386, 143.921



47, 5.437, 355.509



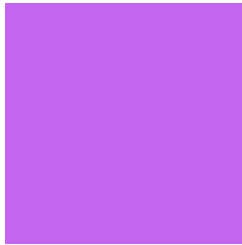
39, 67.919, 19.358



8, 28.762, 9.126

Previews

White Background



This preview shows how the CIELCh color 59, 80.501, 317.478 looks on a white background.

Color Contrast Check

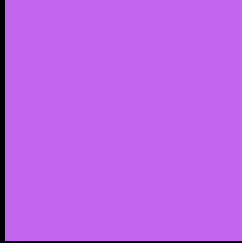
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 80.501, 317.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

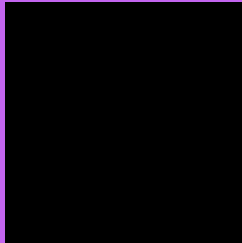
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 80.501, 317.478

Background



This preview shows how black text looks on a background with the CIELCh color 59, 80.501, 317.478.

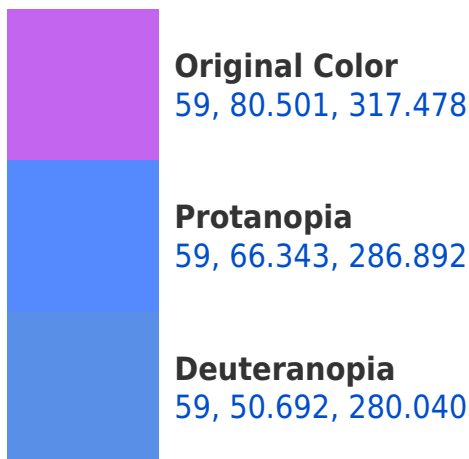


This preview shows how white text looks on a background with the CIELCh color 59, 80.501, 317.478.

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, 21.341, 6.626

Trichromacy



Original Color
59, 80.501, 317.478



Protanomaly
58, 70.815, 297.812



Deuteranomaly
58, 60.134, 296.345



Tritanomaly
58, 40.121, 331.017

Monochromacy



Original Color
59, 80.501, 317.478



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 30.967, 316.277

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 80.501, 317.478 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, 101, 239)` looks like.

```
.text, #text, p{  
    color:rgb(195, 101, 239)  
}
```

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, 101, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 101, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 80.501, 317.478 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, 101, 239) }
```

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

```
.border{ border-color:rgb(195, 101, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 101, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 101, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 101, 239);  
box-shadow:4px 4px 4px 4px rgb(195, 101,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 80.501, 317.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 101, 239) }
```

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

```
.background{ background-color: rgb(195,  
101, 239) }
```

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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