

Converting Colors

CIELCh(61, 79.849, 315.596)

Have a look what the booklet for
CIELCh(61, 79.849, 315.596)
contains.

CIELCh(61, 79.842, 315.647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 79.842, 315.647)

Conversions

Conversions Part 1

Format	Color
Hex	C36DF7
RGB	195, 109, 247
RGB Percent	76%, 43%, 97%
CMY	0.2353, 0.5726, 0.0314
CMYK	0.21, 0.56, 0.00, 0.03
HSL	277°, 90%, 70%
HSV	277°, 56%, 97%
XYZ	44.7543, 29.2481, 91.2678
YIQ	150.4460, 6.9580, 61.1500

Conversions

Conversions Part 2

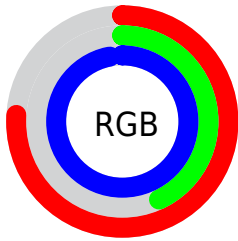
Format	Color
R _{YB}	195, 109, 247
Decimal	12807671
CIE Lab	61.00, 57.09, -55.82
CIE LCh	61, 79.842, 315.647
Yxy	29.2481, 0.2708, 0.1770
Android (android.graphics.Color)	4290997751 (0xFFC36DF7)
YUV	150.4460, 47.6011, 39.0739
Hunter-Lab	54.0815, 53.0720, -62.2005

Details

The CIELCh color $61, 79.842, 315.647$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $89, 75.484, 130.612$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 56.586, 326.059$, and $41, 80.106, 315.706$ is the 20% darker color. If you saturate the color by 10%, you get $56, 92.767, 315.900$, and if you desaturate by 10%, it is $67, 65.849, 315.275$.

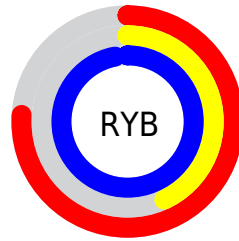
Distribution



Red (76%)

Green (43%)

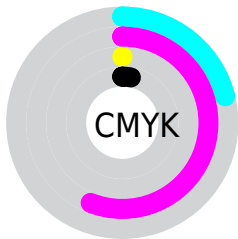
Blue (97%)



Red (76%)

Yellow (43%)

Blue (97%)

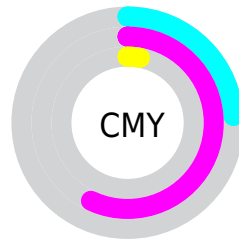


Cyan (21%)

Magenta (56%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (57%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 79.842, 315.647 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, 79.842, 315.647 by changing the saturation by 10% instead.

 61, 79.842,
315.647

 61, 79.842,
315.647


 100, 79.842,
315.647


 51, 79.842,
315.647


 81, 79.842,
315.647

 41, 79.842,
315.647

 91, 79.842,
315.647

 31, 79.842,
315.647

 21, 79.842,
315.647

 11, 79.842,
315.647

 1, 79.842, 315.647

 0, 79.842, 315.647

61, 79.842,
315.647

61, 79.842,
315.647

56, 92.767,
315.900

67, 65.849,
315.275

51, 103.862,
315.960

73, 51.368,
314.840

47, 112.279,
315.741

80, 36.783,
314.381

44, 117.394,
315.168

86, 22.336,
313.924

44, 118.821,
314.864

93, 8.168, 313.474

99, 4.332, 129.695

100, 4.054,
109.856

Harmonies

Complementary

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



61, 79.842, 315.647



89, 75.484, 130.612

Rectangle

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



61, 79.842, 315.647



61, 79.842, 5.647



61, 79.842, 135.647



61, 79.842, 185.647

Sweetspot

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



61, 79.840, 315.647



88, 24.582, 313.976



66, 48.270, 278.122



45, 16.478, 314.068



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, 79.840, 315.647



57, 96.569, 315.920



67, 77.001, 331.118



48, 7.881, 313.637



32, 95.964, 315.051



6, 41.653, 316.196

Inverse Universe

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



64, 57.832, 358.438



61, 69.237, 1.225



88, 77.866, 142.693



48, 5.712, 351.692



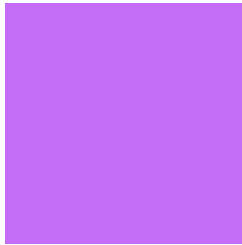
39, 67.287, 13.945



9, 29.626, 5.818

Previews

White Background



This preview shows how the CIELCh color 61, 79.842, 315.647 looks on a white background.

Color Contrast Check

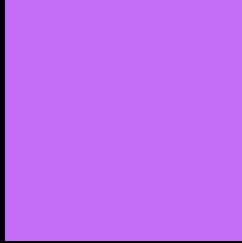
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.842, 315.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

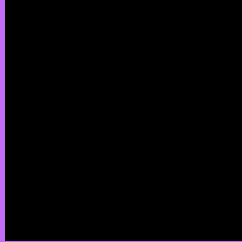
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 79.842, 315.647

Background



This preview shows how black text looks on a background with the CIELCh color 61, 79.842, 315.647.

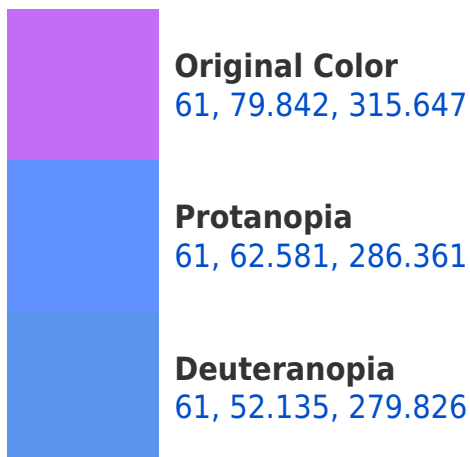


This preview shows how white text looks on a background with the CIELCh color 61, 79.842, 315.647.

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, 17.995, 3.305

Trichromacy



Original Color
61, 79.842, 315.647



Protanomaly
60, 68.087, 297.595



Deuteranomaly
60, 60.830, 295.255



Tritanomaly
60, 38.324, 327.102

Monochromacy



Original Color
61, 79.842, 315.647



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 30.384, 314.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 79.842, 315.647 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, 109, 247)` looks like.

```
.text, #text, p{  
    color:rgb(195, 109, 247)  
}
```

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, 109, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 109, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 79.842, 315.647 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, 109, 247) }
```

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

```
.border{ border-color:rgb(195, 109, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 109, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 109, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 109, 247);  
box-shadow:4px 4px 4px 4px rgb(195, 109,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 79.842, 315.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 109, 247) }
```

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

```
.background{ background-color: rgb(195,  
109, 247) }
```

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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