

Converting Colors

CIELCh(57, 91.822, 313.730)

Have a look what the booklet for
CIELCh(57, 91.822, 313.730)
contains.

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Color

CIELCh(57, 91.647, 313.771)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B65DFE |
| RGB | 182, 93, 254 |
| RGB Percent | 71%, 36%, 100% |
| CMY | 0.2863, 0.6354, 0.0040 |
| CMYK | 0.28, 0.63, 0.00, 0.00 |
| HSL | 273°, 99%, 68% |
| HSV | 273°, 63%, 100% |
| XYZ | 41.0858, 24.9227, 96.3949 |
| YIQ | 137.9650, 1.3630, 68.9390 |

Conversions

Conversions Part 2

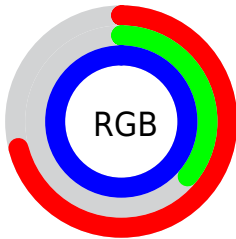
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 182, 93, 254 |
| Decimal | 11951614 |
| CIE Lab | 57.00, 63.40, -66.18 |
| CIE LCh | 57, 91.647, 313.771 |
| Yxy | 24.9227, 0.2530, 0.1535 |
| Android (android.graphics.Color) | 4290141694 (0xFFB65DFE) |
| YUV | 137.9650, 57.2053, 38.6187 |
| Hunter-Lab | 49.9226, 59.5391, -79.5365 |

Details

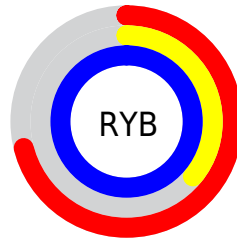
The CIELCh color **57, 91.647, 313.771** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **92, 84.427, 128.149**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 64.544, 323.058**, and **37, 91.591, 313.867** is the 20% darker color. If you saturate the color by 10%, you get **52, 104.016, 313.963**, and if you desaturate by 10%, it is **63, 77.773, 313.407**.

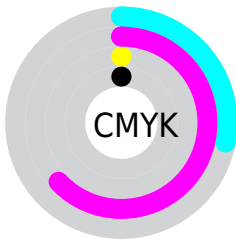
Distribution



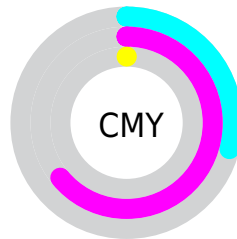
- Red (71%)
- Green (36%)
- Blue (100%)



- Red (71%)
- Yellow (36%)
- Blue (100%)



- Cyan (28%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (64%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 91.647, 313.771 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 57, 91.647, 313.771 by changing the saturation by 10% instead.


 57, 91.647,
313.771


 57, 91.647,
313.771


 100, 91.647,
313.771


 47, 91.647,
313.771


 77, 91.647,
313.771

 37, 91.647,
313.771

 87, 91.647,
313.771

 27, 91.647,
313.771

 97, 91.647,
313.771

 17, 91.647,
313.771

 7, 91.647, 313.771

 0, 91.647, 313.771

57, 91.647,
313.771

57, 91.647,
313.771

52, 104.016,
313.963

63, 77.773,
313.407

47, 113.945,
313.883

69, 63.144,
312.949

44, 120.556,
313.430

76, 48.270,
312.453

42, 123.232,
312.946

83, 33.467,
311.954

90, 18.922,
311.472

97, 4.731, 311.001

100, 0.505,
109.987

Harmonies

Complementary

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



57, 91.647, 313.771



92, 84.427, 128.149

Rectangle

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



57, 91.647, 313.771



57, 91.647, 3.771



57, 91.647, 133.771



57, 91.647, 183.771

Sweetspot

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



57, 91.646, 313.771



87, 27.132, 311.740



67, 50.866, 274.570



44, 18.738, 311.879



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 91.646, 313.771



51, 107.225, 313.973



66, 90.886, 329.190



49, 8.020, 311.291



31, 99.394, 313.138



7, 44.813, 314.343

Inverse Universe

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



63, 67.455, 355.099



59, 76.727, 358.425



89, 92.497, 139.939



50, 6.166, 347.391



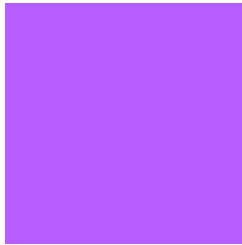
41, 68.002, 7.210



10, 31.473, 0.818

Previews

White Background



This preview shows how the CIELCh color 57, 91.647, 313.771 looks on a white background.

Color Contrast Check

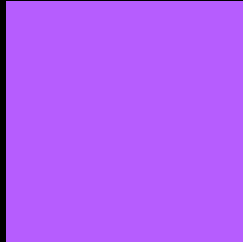
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 91.647, 313.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

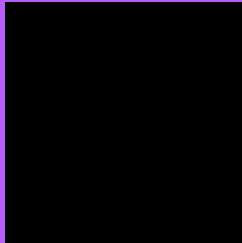
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 91.647, 313.771

Background



This preview shows how black text looks on a background with the CIELCh color 57, 91.647, 313.771.

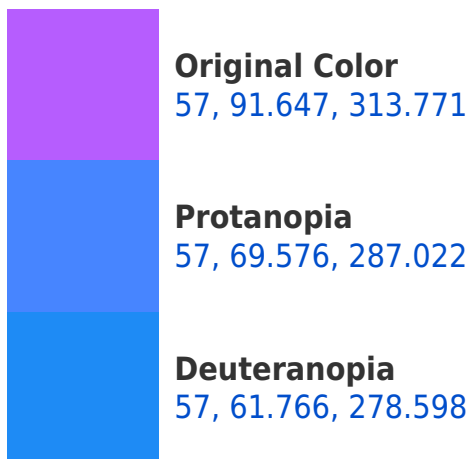


This preview shows how white text looks on a background with the CIELCh color 57, 91.647, 313.771.

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
57, 14.181, 359.925

Trichromacy



Original Color
57, 91.647, 313.771



Protanomaly
56, 77.918, 297.259



Deuteranomaly
55, 72.101, 291.661



Tritanomaly
56, 41.613, 321.327

Monochromacy



Original Color
57, 91.647, 313.771



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 35.152, 312.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 91.647, 313.771 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(182, 93, 254)` looks like.

```
.text, #text, p{  
    color:rgb(182, 93, 254)  
}
```

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(182, 93, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 93, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 91.647, 313.771 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(182, 93, 254) }
```

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

```
.border{ border-color:rgb(182, 93, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 93, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 93, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 93, 254);  
box-shadow:4px 4px 4px 4px rgb(182, 93,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 91.647, 313.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 93, 254) }
```

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

```
.background{ background-color: rgb(182, 93,  
254) }
```

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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