

Converting Colors

CIELCh(57, 102.208, 319.936)

Have a look what the booklet for
CIELCh(57, 102.208, 319.936)
contains.

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Color

CIELCh(57, 102.217, 319.799)

Conversions

Conversions Part 1

Format	Color
Hex	D046FE
RGB	208, 70, 254
RGB Percent	82%, 27%, 100%
CMY	0.1846, 0.7258, 0.0042
CMYK	0.18, 0.72, 0.00, 0.00
HSL	285°, 99%, 64%
HSV	285°, 72%, 100%
XYZ	46.0575, 24.9227, 96.0923
YIQ	132.2380, 23.1840, 86.4800

Conversions

Conversions Part 2

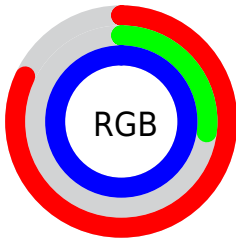
Format	Color
R _Y B	208, 70, 254
Decimal	13649662
CIE Lab	57.00, 78.07, -65.98
CIE LCh	57, 102.217, 319.799
Yxy	24.9227, 0.2757, 0.1492
Android (android.graphics.Color)	4291839742 (0xFFD046FE)
YUV	132.2380, 60.0287, 66.4433
Hunter-Lab	49.9226, 77.3157, -79.1771

Details

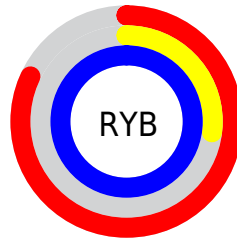
The CIELCh color **57, 102.217, 319.799** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **89, 99.267, 133.477**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 76.316, 327.019**, and **39, 97.220, 319.301** is the 20% darker color. If you saturate the color by 10%, you get **53, 110.801, 319.673**, and if you desaturate by 10%, it is **61, 90.988, 319.711**.

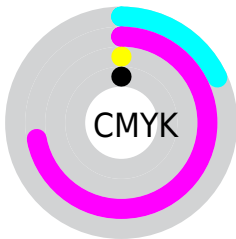
Distribution



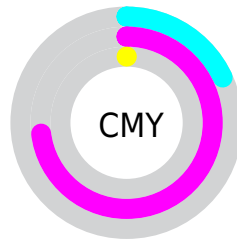
- Red (82%)
- Green (27%)
- Blue (100%)



- Red (82%)
- Yellow (27%)
- Blue (100%)



- Cyan (18%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (73%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 102.217, 319.799 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, 102.217, 319.799 by changing the saturation by 10% instead.


 57, 102.217,
319.799


 57, 102.217,
319.799


 100, 102.217,
319.799


 47, 102.217,
319.799


 77, 102.217,
319.799


 37, 102.217,
319.799


 87, 102.217,
319.799

 27, 102.217,
319.799

 97, 102.217,
319.799

 17, 102.217,
319.799

 7, 102.217,
319.799

 0, 102.217,
319.799

57, 102.217,
319.799

57, 102.217,
319.799

53, 110.801,
319.673

61, 90.988,
319.711

51, 116.210,
319.282

67, 77.865,
319.467

50, 118.417,
318.828

72, 63.555,
319.119

78, 48.631,
318.709

85, 33.501,
318.270

91, 18.437,
317.821

98, 3.610, 317.336

100, 0.530,
109.992

Harmonies

Complementary

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



57, 102.217, 319.799



89, 99.267, 133.477

Rectangle

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



57, 102.217, 319.799



57, 102.217, 9.799



57, 102.217, 139.799



57, 102.217, 189.799

Sweetspot

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



57, 102.215, 319.799



85, 32.915, 318.250



53, 79.309, 292.506



44, 22.153, 318.371



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, 102.215, 319.799



52, 114.039, 319.530



62, 86.795, 338.080



50, 8.417, 317.688



37, 95.613, 318.971



9, 43.773, 319.993

Inverse Universe

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



59, 73.067, 13.114



55, 83.724, 19.585



89, 89.867, 144.278



50, 5.536, 0.371



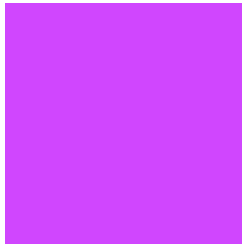
40, 72.625, 25.624



10, 31.700, 15.990

Previews

White Background



This preview shows how the CIELCh color 57, 102.217, 319.799 looks on a white background.

Color Contrast Check

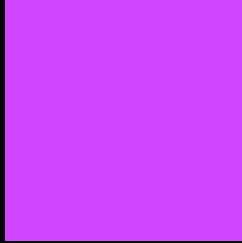
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102.217, 319.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

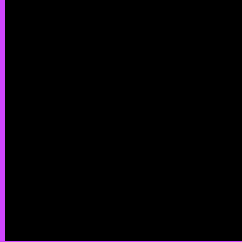
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 102.217, 319.799

Background



This preview shows how black text looks on a background with the CIELCh color 57, 102.217, 319.799.



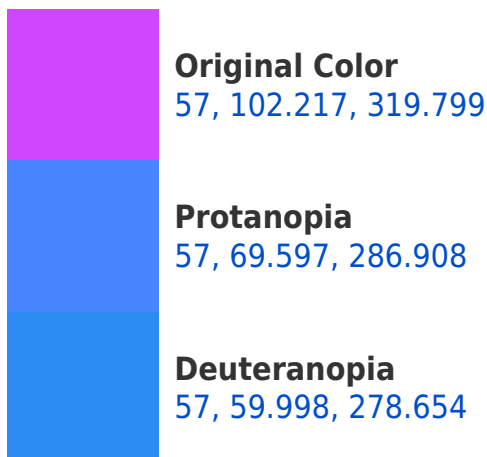
This preview shows how white text looks on a background with the CIELCh color 57, 102.217, 319.799.

319.799.

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, 30.720, 14.792

Trichromacy



Original Color
57, 102.217, 319.799



Protanomaly
54, 82.705, 300.554



Deuteranomaly
54, 75.624, 296.541



Tritanomaly
56, 52.399, 336.213

Monochromacy



Original Color
57, 102.217, 319.799



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 42.448, 319.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 102.217, 319.799 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(208, 70, 254)` looks like.

```
.text, #text, p{  
    color:rgb(208, 70, 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(208, 70, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 70, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 102.217, 319.799 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(208, 70, 254) }
```

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

```
.border{ border-color:rgb(208, 70, 254) }
```

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

Here you see how a box with a 4 pixel rgb(208, 70, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 70, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 70, 254);  
box-shadow:4px 4px 4px 4px rgb(208, 70,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 102.217, 319.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 70, 254) }
```

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

```
.background{ background-color: rgb(208, 70,  
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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