

Converting Colors

CIELCh(54, 107.574, 318.380)

Have a look what the booklet for
CIELCh(54, 107.574, 318.380)
contains.

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Color

CIELCh(54, 107.649, 318.436)

Conversions

Conversions Part 1

Format	Color
Hex	C539FF
RGB	197, 57, 255
RGB Percent	77%, 22%, 100%
CMY	0.2280, 0.7771, 0.0005
CMYK	0.23, 0.78, 0.00, 0.00
HSL	282°, 100%, 61%
HSV	282°, 78%, 100%
XYZ	42.4751, 21.9746, 96.4985
YIQ	121.4320, 19.8820, 91.2580

Conversions

Conversions Part 2

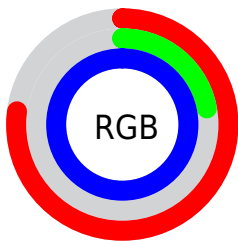
Format	Color
RYB	197, 57, 255
Decimal	12925439
CIELab	54.00, 80.54, -71.42
CIElCh	54, 107.649, 318.436
Yxy	21.9746, 0.2639, 0.1365
Android (android.graphics.Color)	4291115519 (0xFFC539FF)
YUV	121.4320, 65.8490, 66.2731
Hunter-Lab	46.8770, 79.7035, -89.2372

Details

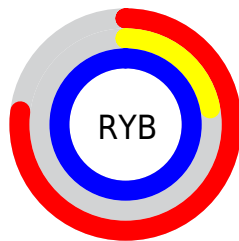
The CIELCh color **54, 107.649, 318.436** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **90, 103.287, 132.431**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 82.129, 327.205**, and **37, 98.714, 317.178** is the 20% darker color. If you saturate the color by 10%, you get **51, 114.961, 318.151**, and if you desaturate by 10%, it is **58, 97.376, 318.458**.

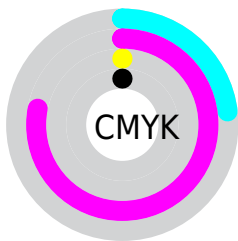
Distribution



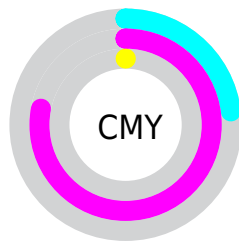
- Red (77%)
- Green (22%)
- Blue (100%)



- Red (77%)
- Yellow (22%)
- Blue (100%)



- Cyan (23%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (78%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 107.649, 318.436 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 54, 107.649, 318.436 by changing the saturation by 10% instead.


 54, 107.649,
318.436


 54, 107.649,
318.436

 100, 107.649,
318.436


 44, 107.649,
318.436


 74, 107.649,
318.436


 34, 107.649,
318.436


 84, 107.649,
318.436

 24, 107.649,
318.436

 94, 107.649,
318.436

 14, 107.649,
318.436

 4, 107.649,
318.436

 0, 107.649,
318.436

■ 54, 107.649,
318.436

■ 54, 107.649,
318.436

■ 51, 114.961,
318.151

■ 58, 97.376,
318.458

■ 49, 118.992,
317.562

■ 63, 84.883,
318.283

■ 48, 119.672,
317.406

■ 69, 70.946,
317.974

■ 75, 56.214,
317.585

■ 81, 41.159,
317.154

■ 88, 26.101,
316.710

■ 95, 11.239,
316.263

100, 0.056,

Harmonies

Complementary

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



54, 107.649, 318.436



90, 103.287, 132.431

Rectangle

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



54, 107.649, 318.436



54, 107.649, 8.436



54, 107.649, 138.436



54, 107.649, 188.436

Sweetspot

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



54, 107.648, 318.436



84, 34.089, 316.946



53, 79.829, 291.362



43, 23.653, 317.107



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 107.648, 318.436



50, 117.533, 317.875



61, 93.308, 336.113



50, 8.322, 316.344



36, 96.336, 317.567



8, 44.044, 318.714

Inverse Universe

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



57, 76.818, 11.666



54, 85.507, 19.061



89, 98.308, 141.846



50, 5.646, 357.310



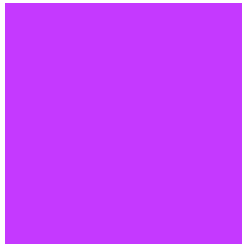
40, 70.932, 21.903



10, 31.490, 13.242

Previews

White Background



This preview shows how the CIELCh color 54, 107.649, 318.436 looks on a white background.

Color Contrast Check

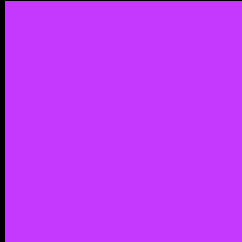
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 107.649, 318.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

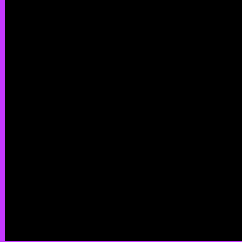
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 107.649, 318.436

Background



This preview shows how black text looks on a background with the CIELCh color 54, 107.649, 318.436.

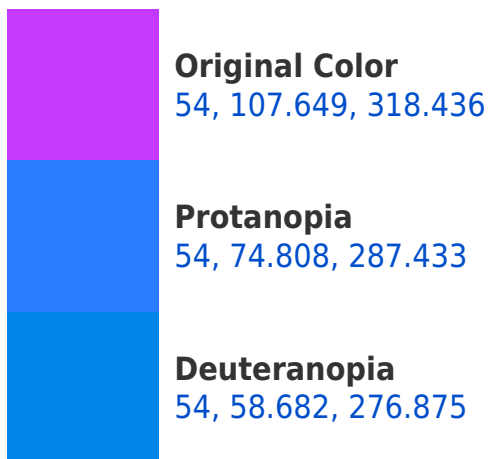


This preview shows how white text looks on a background with the CIELCh color 54, 107.649, 318.436.

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
54, 28.048, 13.685

Trichromacy



Original Color
54, 107.649, 318.436



Protanomaly
51, 89.187, 299.694



Deuteranomaly
49, 78.485, 294.456



Tritanomaly
52, 53.734, 332.775

Monochromacy



Original Color
54, 107.649, 318.436



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 45.452, 317.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 107.649, 318.436 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(197, 57, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 57, 255)  
}
```

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(197, 57, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 57, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 107.649, 318.436 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(197, 57, 255) }
```

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

```
.border{ border-color:rgb(197, 57, 255) }
```

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

Here you see how a box with a 4 pixel rgb(197, 57, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 57, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 57, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 57,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 107.649, 318.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 57, 255) }
```

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

```
.background{ background-color: rgb(197, 57,  
255) }
```

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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