

Converting Colors

CIELCh(54, 104.889, 317.492)

Have a look what the booklet for
CIELCh(54, 104.889, 317.492)
contains.

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Color

CIELCh(54, 104.823, 317.455)

Conversions

Conversions Part 1

Format	Color
Hex	C040FE
RGB	192, 64, 254
RGB Percent	75%, 25%, 100%
CMY	0.2477, 0.7497, 0.0046
CMYK	0.24, 0.75, 0.00, 0.00
HSL	280°, 99%, 62%
HSV	280°, 75%, 100%
XYZ	41.3791, 21.9746, 95.6835
YIQ	123.9320, 15.2980, 86.2260

Conversions

Conversions Part 2

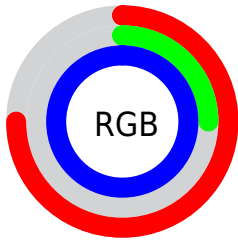
Format	Color
R _Y B	192, 64, 254
Decimal	12599550
CIE Lab	54.00, 77.23, -70.88
CIE LCh	54, 104.823, 317.455
Yxy	21.9746, 0.2602, 0.1382
Android (android.graphics.Color)	4290789630 (0xFFC040FE)
YUV	123.9320, 64.1235, 59.6956
Hunter-Lab	46.8770, 75.5301, -88.2065

Details

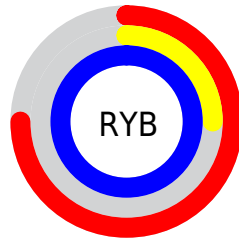
The CIELCh color **54, 104.823, 317.455** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **90, 99.476, 131.605**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 79.316, 326.660**, and **36, 98.653, 316.656** is the 20% darker color. If you saturate the color by 10%, you get **50, 113.285, 317.249**, and if you desaturate by 10%, it is **59, 93.635, 317.405**.

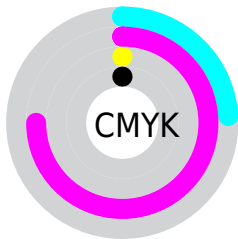
Distribution



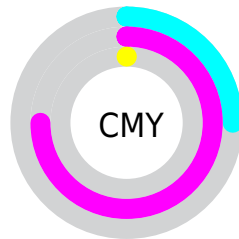
- Red (75%)
- Green (25%)
- Blue (100%)



- Red (75%)
- Yellow (25%)
- Blue (100%)



- Cyan (24%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (75%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 104.823, 317.455 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, 104.823, 317.455 by changing the saturation by 10% instead.


 54, 104.823,
317.455


 54, 104.823,
317.455


 100, 104.823,
317.455


 44, 104.823,
317.455


 74, 104.823,
317.455


 34, 104.823,
317.455


 84, 104.823,
317.455

 24, 104.823,
317.455

 94, 104.823,
317.455

 14, 104.823,
317.455

 4, 104.823,
317.455

 0, 104.823,
317.455

■ 54, 104.823,
317.455

■ 54, 104.823,
317.455

■ 50, 113.285,
317.249

■ 59, 93.635,
317.405

■ 48, 118.446,
316.722

■ 64, 80.536,
317.172

■ 47, 120.074,
316.352

■ 70, 66.283,
316.822

■ 76, 51.464,
316.408

■ 83, 36.484,
315.965

■ 89, 21.607,
315.517

■ 96, 6.989, 315.067

■ 100, 0.582,
110.001

Harmonies

Complementary

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



54, 104.823, 317.455



90, 99.476, 131.605

Rectangle

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



54, 104.823, 317.455



54, 104.823, 7.455



54, 104.823, 137.455



54, 104.823, 187.455

Sweetspot

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



54, 104.822, 317.455



85, 32.335, 315.837



56, 72.547, 288.214



43, 21.775, 315.958



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, 104.822, 317.455



49, 116.784, 317.019



62, 93.388, 334.331



49, 8.251, 315.279



35, 96.945, 316.523



8, 44.272, 317.753

Inverse Universe

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



58, 74.463, 7.785



55, 83.266, 14.465



88, 97.557, 141.364



50, 5.743, 355.012



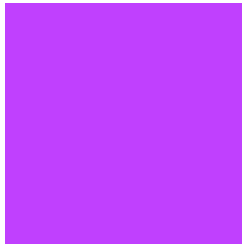
40, 69.853, 18.849



10, 31.367, 10.839

Previews

White Background



This preview shows how the CIELCh color 54, 104.823, 317.455 looks on a white background.

Color Contrast Check

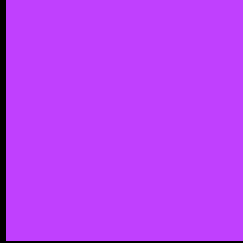
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104.823, 317.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

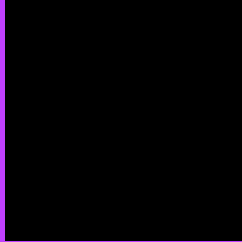
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 104.823, 317.455

Background



This preview shows how black text looks on a background with the CIELCh color 54, 104.823, 317.455.

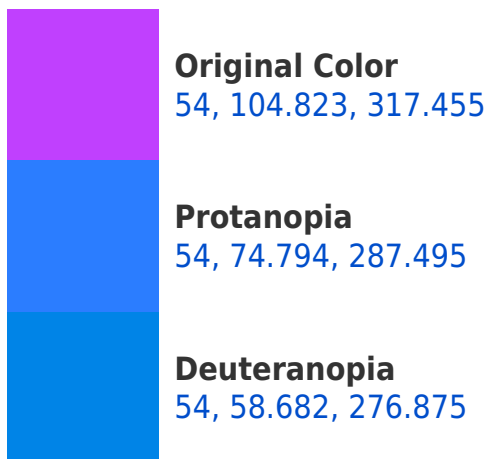


This preview shows how white text looks on a background with the CIELCh color 54, 104.823, 317.455.

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, 24.577, 11.827

Trichromacy



Original Color
54, 104.823, 317.455



Protanomaly
51, 87.374, 298.927



Deuteranomaly
50, 76.724, 293.539



Tritanomaly
53, 50.941, 330.618

Monochromacy



Original Color
54, 104.823, 317.455



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 43.318, 316.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 104.823, 317.455 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(192, 64, 254)` looks like.

```
.text, #text, p{  
    color:rgb(192, 64, 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(192, 64, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 64, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 104.823, 317.455 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(192, 64, 254) }
```

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

```
.border{ border-color:rgb(192, 64, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 64, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 64, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 64, 254);  
box-shadow:4px 4px 4px 4px rgb(192, 64,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 104.823, 317.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 64, 254) }
```

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

```
.background{ background-color: rgb(192, 64,  
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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