

Converting Colors

CIELCh(54, 98.502, 313.964)

Have a look what the booklet for
CIELCh(54, 98.502, 313.964)
contains.

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Color

CIELCh(54, 98.704, 313.947)

Conversions

Conversions Part 1

Format	Color
Hex	B04FFE
RGB	176, 79, 254
RGB Percent	69%, 31%, 100%
CMY	0.3098, 0.6902, 0.0040
CMYK	0.31, 0.69, 0.00, 0.00
HSL	273°, 99%, 65%
HSV	273°, 69%, 100%
XYZ	38.5853, 21.9746, 95.9641
YIQ	127.9530, 1.6370, 74.9890

Conversions

Conversions Part 2

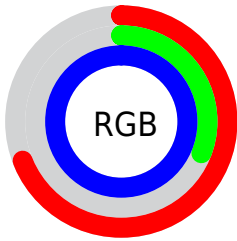
Format	Color
R _Y B	176, 79, 254
Decimal	11554814
CIE Lab	54.00, 68.50, -71.07
CIE LCh	54, 98.704, 313.947
Yxy	21.9746, 0.2465, 0.1404
Android (android.graphics.Color)	4289744894 (0xFFB04FFE)
YUV	127.9530, 62.1412, 42.1372
Hunter-Lab	46.8770, 64.8917, -88.5613

Details

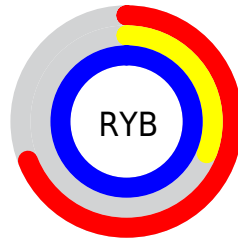
The CIELCh color **54, 98.704, 313.947** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light washed purple. A complement of this color would be **91, 90.383, 128.134**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 71.494, 322.128**, and **34, 98.647, 313.985** is the 20% darker color. If you saturate the color by 10%, you get **49, 109.838, 314.001**, and if you desaturate by 10%, it is **60, 85.560, 313.669**.

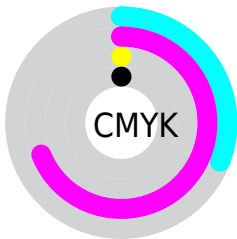
Distribution



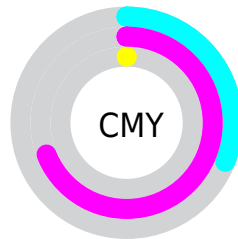
- Red (69%)
- Green (31%)
- Blue (100%)



- Red (69%)
- Yellow (31%)
- Blue (100%)



- Cyan (31%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (69%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 98.704, 313.947 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, 98.704, 313.947 by changing the saturation by 10% instead.

 54, 98.704,
313.947

 54, 98.704,
313.947

 100, 98.704,
313.947

 44, 98.704,
313.947

 74, 98.704,
313.947

 34, 98.704,
313.947

 84, 98.704,
313.947

 24, 98.704,
313.947

 94, 98.704,
313.947

 14, 98.704,
313.947

 4, 98.704, 313.947

 0, 98.704, 313.947

■ 54, 98.704,
313.947

■ 54, 98.704,
313.947

■ 49, 109.838,
314.001

■ 60, 85.560,
313.669

■ 45, 118.011,
313.724

■ 66, 71.274,
313.256

■ 43, 122.762,
313.063

■ 72, 56.486,
312.777

■ 42, 123.194,
312.984

■ 79, 41.613,
312.277

■ 86, 26.906,
311.785

■ 93, 12.507,
311.314

■ 100, 0.501,
109.986

Harmonies

Complementary

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



54, 98.704, 313.947



91, 90.383, 128.134

Rectangle

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



54, 98.704, 313.947



54, 98.704, 3.947



54, 98.704, 133.947



54, 98.704, 183.947

Sweetspot

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



54, 98.703, 313.947



85, 30.070, 311.887



64, 55.267, 276.552



43, 20.419, 312.023



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, 98.703, 313.947



48, 113.954, 313.932



64, 96.299, 329.416



49, 8.022, 311.342



31, 99.362, 313.176



7, 44.809, 314.385

Inverse Universe

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



61, 71.771, 356.541



57, 80.198, 0.881



89, 98.634, 139.246



50, 6.160, 347.479



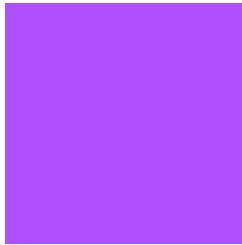
41, 68.004, 7.357



10, 31.465, 0.943

Previews

White Background



This preview shows how the CIELCh color 54, 98.704, 313.947 looks on a white background.

Color Contrast Check

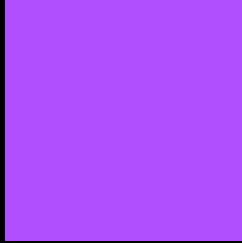
Large Text (above 18pt) WCAG AA ✓ Pass

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, 98.704, 313.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

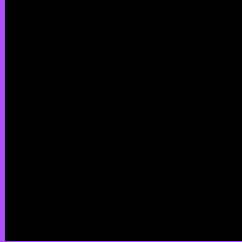
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 98.704, 313.947

Background



This preview shows how black text looks on a background with the CIELCh color 54, 98.704, 313.947.

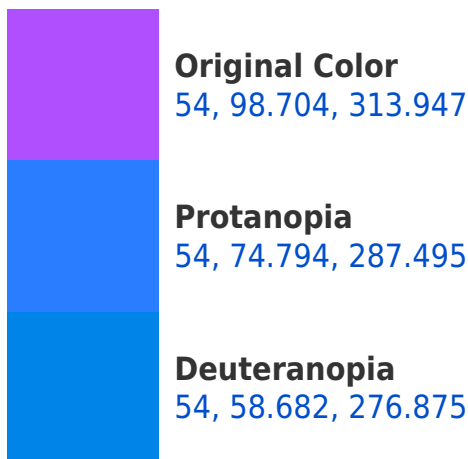


This preview shows how white text looks on a background with the CIELCh color 54, 98.704, 313.947.

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, 14.341, 0.042

Trichromacy



Original Color
54, 98.704, 313.947



Protanomaly
52, 84.410, 297.047



Deuteranomaly
51, 73.104, 290.961



Tritanomaly
53, 44.225, 320.880

Monochromacy



Original Color
54, 98.704, 313.947



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 39.152, 312.388

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 98.704, 313.947 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(176, 79, 254)` looks like.

```
.text, #text, p{  
    color:rgb(176, 79, 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(176, 79, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 79, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 98.704, 313.947 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(176, 79, 254) }
```

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

```
.border{ border-color:rgb(176, 79, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 79, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 79, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 79, 254);  
box-shadow:4px 4px 4px 4px rgb(176, 79,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 98.704, 313.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 79, 254) }
```

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

```
.background{ background-color: rgb(176, 79,  
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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