

Converting Colors

CIELCh(58, 119.907, 306.520)

Have a look what the booklet for
CIELCh(58, 119.907, 306.520)
contains.

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Color

CIELCh(54, 91.765, 308.091)

Conversions

Conversions Part 1

Format	Color
Hex	975FFF
RGB	151, 95, 255
RGB Percent	59%, 37%, 100%
CMY	0.4084, 0.6285, 0.0000
CMYK	0.41, 0.63, 0.00, 0.00
HSL	261°, 100%, 69%
HSV	261°, 63%, 100%
XYZ	34.9862, 21.9746, 97.7114
YIQ	129.9840, -17.9840, 61.6320

Conversions

Conversions Part 2

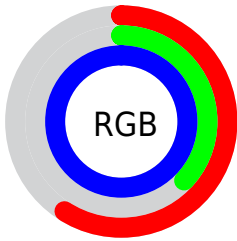
Format	Color
R _{YB}	151, 95, 255
Decimal	9920511
CIE Lab	54.00, 56.61, -72.22
CIE LCh	54, 91.765, 308.091
Yxy	21.9746, 0.2262, 0.1421
Android (android.graphics.Color)	4288110591 (0xFF975FFF)
YUV	129.9840, 61.6329, 18.4310
Hunter-Lab	46.8770, 51.1868, -90.7714

Details

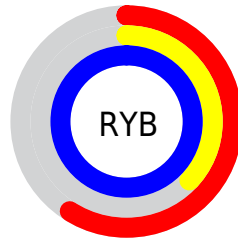
The CIELCh color **54, 91.765, 308.091** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **94, 79.629, 120.624**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 61.507, 314.022**, and **34, 91.298, 308.185** is the 20% darker color. If you saturate the color by 10%, you get **48, 105.226, 308.788**, and if you desaturate by 10%, it is **61, 76.475, 307.347**.

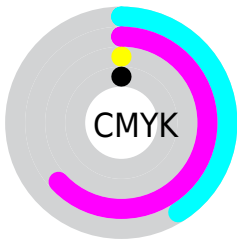
Distribution



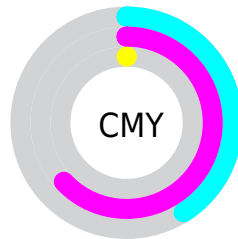
- Red (59%)
- Green (37%)
- Blue (100%)



- Red (59%)
- Yellow (37%)
- Blue (100%)



- Cyan (41%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (63%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 91.765, 308.091 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, 91.765, 308.091 by changing the saturation by 10% instead.


 54, 91.765,
308.091


 54, 91.765,
308.091


 100, 91.765,
308.091


 44, 91.765,
308.091


 74, 91.765,
308.091

 34, 91.765,
308.091

 84, 91.765,
308.091

 24, 91.765,
308.091

 94, 91.765,
308.091

 14, 91.765,
308.091

 4, 91.765, 308.091

 0, 91.765, 308.091

■ 54, 91.765,
308.091

■ 54, 91.765,
308.091

■ 48, 105.226,
308.788

■ 61, 76.475,
307.347

■ 43, 117.003,
309.180

■ 68, 61.350,
306.539

■ 39, 125.321,
309.137

■ 75, 46.370,
305.761

■ 37, 129.000,
308.843

■ 83, 31.740,
305.041

■ 90, 17.551,
304.392

■ 98, 3.833, 303.801

■ 100, 0.012,
296.813

Harmonies

Complementary

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



54, 91.765, 308.091



94, 79.629, 120.624

Rectangle

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



54, 91.765, 308.091



54, 91.765, 358.091



54, 91.765, 128.091



54, 91.765, 178.091

Sweetspot

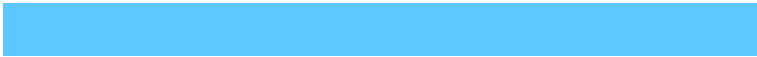
The Sweet Spot groups the original color and five complimentary colors.



54, 91.342, 308.129



86, 26.224, 304.783



76, 39.035, 249.369



44, 18.135, 304.974



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, 91.342, 308.129



47, 107.982, 308.900



64, 92.362, 322.842



49, 7.723, 304.190



27, 103.683, 309.013



5, 44.836, 308.920

Inverse Universe

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



65, 74.426, 342.211



60, 83.381, 343.986



90, 91.527, 136.112



50, 7.083, 337.039



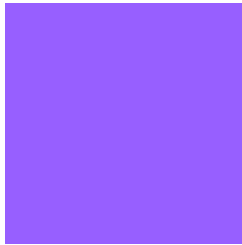
42, 72.129, 348.812



11, 34.016, 345.536

Previews

White Background



This preview shows how the CIELCh color 54, 91.765, 308.091 looks on a white background.

Color Contrast Check

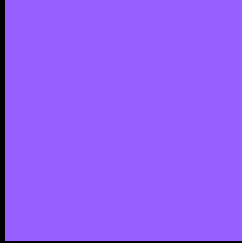
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.765, 308.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

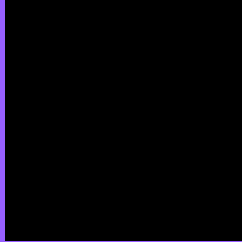
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 91.765, 308.091

Background



This preview shows how black text looks on a background with the CIELCh color 54, 91.765, 308.091.

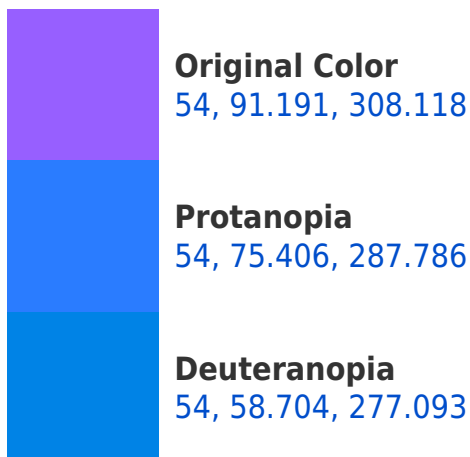



This preview shows how white text looks on a background with the CIELCh color 54, 91.765, 308.091.

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, 6.037, 272.530

Trichromacy



Original Color
54, 91.191, 308.118



Protanomaly
53, 81.483, 294.720



Deuteranomaly
52, 70.206, 288.268



Tritanomaly
53, 37.612, 303.134

Monochromacy



Original Color
54, 91.191, 308.118



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 34.473, 306.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 91.765, 308.091 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(151, 95, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 95, 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(151, 95, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 95, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 91.765, 308.091 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(151, 95, 255) }
```

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

```
.border{ border-color:rgb(151, 95, 255) }
```

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

Here you see how a box with a 4 pixel rgb(151, 95, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 95, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 95, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 95,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 91.765, 308.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 95, 255) }
```

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

```
.background{ background-color: rgb(151, 95,  
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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