

Converting Colors

CIELCh(59, 117.533, 304.485)

Have a look what the booklet for
CIELCh(59, 117.533, 304.485)
contains.

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Color

CIELCh(54, 86.698, 304.940)

Conversions

Conversions Part 1

Format	Color
Hex	8A66FE
RGB	138, 102, 254
RGB Percent	54%, 40%, 100%
CMY	0.4603, 0.6007, 0.0053
CMYK	0.46, 0.60, 0.00, 0.01
HSL	254°, 98%, 70%
HSV	254°, 60%, 99%
XYZ	32.9876, 21.9746, 95.9727
YIQ	130.0920, -27.3360, 54.9040

Conversions

Conversions Part 2

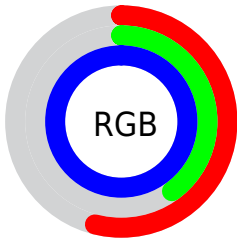
Format	Color
R _Y B	138, 102, 254
Decimal	9070334
CIE Lab	54.00, 49.65, -71.07
CIE LCh	54, 86.698, 304.940
Yxy	21.9746, 0.2186, 0.1456
Android (android.graphics.Color)	4287260414 (0xFF8A66FE)
YUV	130.0920, 61.0866, 6.9353
Hunter-Lab	46.8770, 43.5766, -88.5722

Details

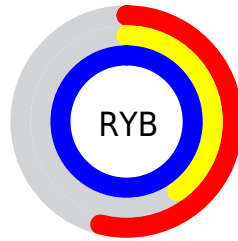
The CIELCh color **54, 86.698, 304.940** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **95, 74.335, 115.777**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 56.915, 309.012**, and **34, 86.423, 304.833** is the 20% darker color. If you saturate the color by 10%, you get **47, 101.530, 306.047**, and if you desaturate by 10%, it is **61, 71.378, 303.795**.

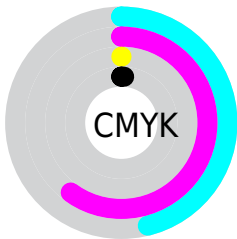
Distribution



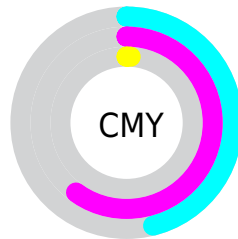
- Red (54%)
- Green (40%)
- Blue (100%)



- Red (54%)
- Yellow (40%)
- Blue (100%)



- Cyan (46%)
- Magenta (60%)
- Yellow (0%)
- Black (1%)



- Cyan (46%)
- Magenta (60%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 86.698, 304.940 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, 86.698, 304.940 by changing the saturation by 10% instead.


 54, 86.698,
304.940


 54, 86.698,
304.940


 100, 86.698,
304.940

 44, 86.698,
304.940


 74, 86.698,
304.940

 34, 86.698,
304.940

 84, 86.698,
304.940

 24, 86.698,
304.940

 94, 86.698,
304.940

 14, 86.698,
304.940

 4, 86.698, 304.940

 0, 86.698, 304.940

■ 54, 86.698,
304.940

■ 54, 86.698,
304.940

■ 47, 101.530,
306.047

■ 61, 71.378,
303.795

■ 41, 114.797,
306.957

■ 69, 56.160,
302.700

■ 37, 124.922,
307.458

■ 76, 41.320,
301.701

■ 34, 130.843,
307.444

■ 84, 26.969,
300.811

■ 34, 130.917,
307.444

■ 92, 13.138,
300.032

■ 100, 0.181,
119.522

■ 100, 0.674,
110.013

Harmonies

Complementary

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



54, 86.698, 304.940



95, 74.335, 115.777

Rectangle

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



54, 86.698, 304.940



54, 86.698, 354.940



54, 86.698, 124.940



54, 86.698, 174.940

Sweetspot

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



54, 86.698, 304.941



86, 24.473, 300.659



82, 35.500, 229.907



44, 17.099, 300.901



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, 86.698, 304.941



46, 105.009, 306.268



62, 87.536, 319.143



49, 7.609, 300.007



25, 105.680, 307.570



4, 44.630, 306.276

Inverse Universe

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



66, 76.774, 336.203



62, 87.572, 337.328



91, 84.654, 133.562



50, 7.684, 332.398



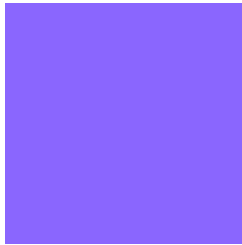
43, 77.624, 340.455



11, 36.454, 338.645

Previews

White Background



This preview shows how the CIELCh color 54, 86.698, 304.940 looks on a white background.

Color Contrast Check

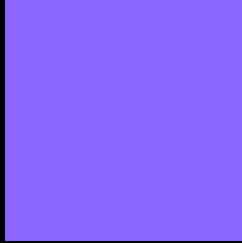
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 86.698, 304.940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

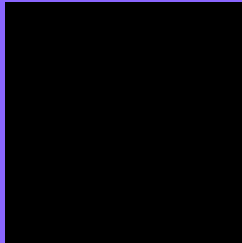
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 86.698, 304.940

Background



This preview shows how black text looks on a background with the CIELCh color 54, 86.698, 304.940.



This preview shows how white text looks on a background with the CIELCh color 54, 86.698, 304.940.

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, 10.310, 232.872

Trichromacy



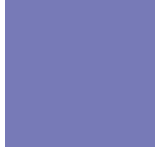
Original Color
54, 86.779, 304.965



Protanomaly
53, 79.721, 293.329



Deuteranomaly
52, 68.491, 286.653



Tritanomaly
53, 35.274, 292.814

Monochromacy



Original Color
54, 86.779, 304.965



Achromatopsia
54, 0.007, 296.813



Achromatomaly
54, 32.228, 301.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 86.698, 304.940 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(138, 102, 254)` looks like.

```
.text, #text, p{  
    color:rgb(138, 102, 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(138, 102, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 102, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 86.698, 304.940 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(138, 102, 254) }
```

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

```
.border{ border-color:rgb(138, 102, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 102, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 102, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 102, 254);  
box-shadow:4px 4px 4px 4px rgb(138, 102,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 86.698, 304.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 102, 254) }
```

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

```
.background{ background-color: rgb(138,  
102, 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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