

Converting Colors

CIELCh(54, 82.732, 300.247)

Have a look what the booklet for
CIELCh(54, 82.732, 300.247)
contains.

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Color

CIELCh(54, 82.823, 300.287)

Conversions

Conversions Part 1

Format	Color
Hex	756DFE
RGB	117, 109, 254
RGB Percent	46%, 43%, 100%
CMY	0.5399, 0.5715, 0.0027
CMYK	0.54, 0.57, 0.00, 0.00
HSL	243°, 99%, 71%
HSV	243°, 57%, 100%
XYZ	30.8168, 21.9746, 96.6463
YIQ	127.9220, -41.7770, 46.7910

Conversions

Conversions Part 2

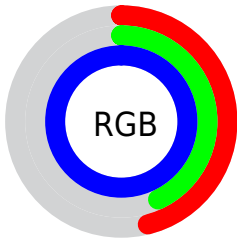
Format	Color
R _Y B	117, 109, 254
Decimal	7695870
CIE Lab	54.00, 41.77, -71.52
CIE LCh	54, 82.823, 300.287
Yxy	21.9746, 0.2062, 0.1470
Android (android.graphics.Color)	4285885950 (0xFF756DFE)
YUV	127.9220, 62.1565, -9.5786
Hunter-Lab	46.8770, 35.3105, -89.4242

Details

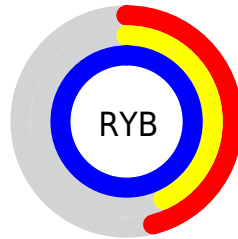
The CIELCh color $54, 82.823, 300.287$ is a light color, and the websafe version is hex $6666FF$. A complement of this color would be $97, 70.096, 107.503$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 51.751, 300.645$, and $34, 82.651, 300.239$ is the 20% darker color. If you saturate the color by 10%, you get $47, 98.592, 302.230$, and if you desaturate by 10%, it is $62, 67.045, 298.438$.

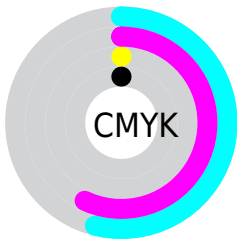
Distribution



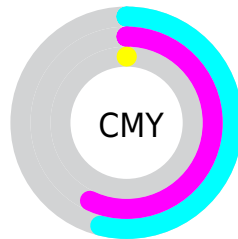
- Red (46%)
- Green (43%)
- Blue (100%)



- Red (46%)
- Yellow (43%)
- Blue (100%)



- Cyan (54%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 82.823, 300.287 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, 82.823, 300.287 by changing the saturation by 10% instead.

 54, 82.823,
300.287

 54, 82.823,
300.287

 100, 82.823,
300.287

 44, 82.823,
300.287

 74, 82.823,
300.287

 34, 82.823,
300.287

 84, 82.823,
300.287

 24, 82.823,
300.287

 94, 82.823,
300.287

 14, 82.823,
300.287

 4, 82.823, 300.287

 0, 82.823, 300.287

■ 54, 82.823,
300.287

■ 54, 82.823,
300.287

■ 47, 98.592,
302.230

■ 62, 67.045,
298.438

■ 40, 113.310,
304.069

■ 70, 51.706,
296.775

■ 36, 125.125,
305.503

■ 78, 36.952,
295.324

■ 33, 131.973,
306.248

■ 86, 22.802,
294.080

■ 32, 133.294,
306.401

■ 94, 9.232, 293.022

100, 0.337,
109.923

Harmonies

Complementary

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



54, 82.823, 300.287



97, 70.096, 107.503

Rectangle

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



54, 82.823, 300.287



54, 82.823, 350.287



54, 82.823, 120.287



54, 82.823, 170.287

Sweetspot

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



54, 82.823, 300.288



86, 22.804, 294.076



90, 38.254, 202.786



44, 15.316, 294.310



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, 82.823, 300.288



46, 100.301, 302.418



61, 83.029, 313.470



49, 7.513, 293.267



23, 107.504, 306.444



4, 44.261, 302.872

Inverse Universe

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



69, 83.515, 329.089



65, 95.408, 329.575



92, 77.060, 128.218



50, 8.720, 326.485



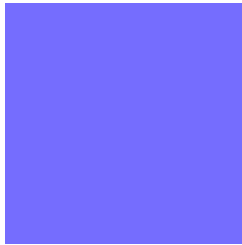
45, 89.101, 330.581



12, 41.207, 330.283

Previews

White Background



This preview shows how the CIELCh color 54, 82.823, 300.287 looks on a white background.

Color Contrast Check

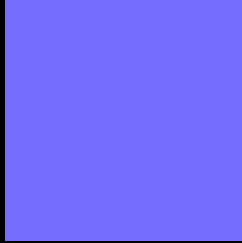
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.823, 300.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

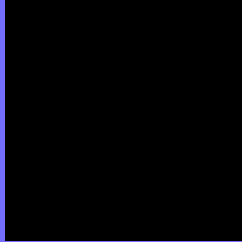
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 82.823, 300.287

Background



This preview shows how black text looks on a background with the CIELCh color 54, 82.823, 300.287.

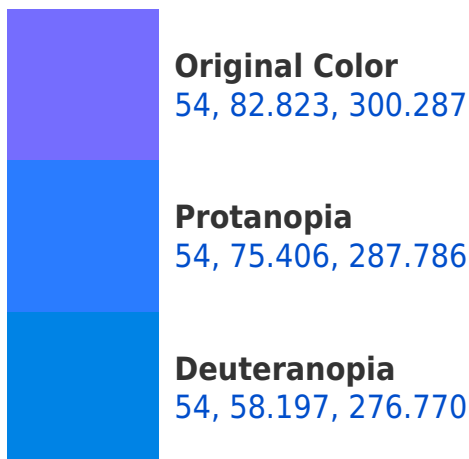


This preview shows how white text looks on a background with the CIELCh color 54, 82.823, 300.287.

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, 19.295, 217.137

Trichromacy



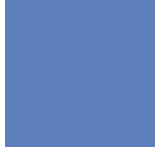
Original Color
54, 82.823, 300.287



Protanomaly
54, 78.019, 291.607



Deuteranomaly
53, 66.889, 285.054



Tritanomaly
53, 35.512, 278.460

Monochromacy



Original Color
54, 82.823, 300.287



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 30.762, 295.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 82.823, 300.287 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(117, 109, 254)` looks like.

```
.text, #text, p{  
    color:rgb(117, 109, 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(117, 109, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 109, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 82.823, 300.287 is called "border". The border property can be set on classes, ids or directly on the HTML element.

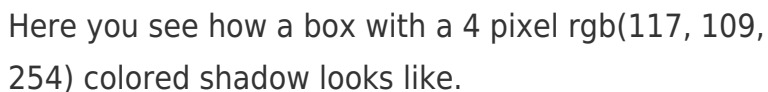
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 109, 254) }
```

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

```
.border{ border-color:rgb(117, 109, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 109, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 109, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 109, 254); box-shadow:4px 4px 4px 4px rgb(117, 109, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 82.823, 300.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 109, 254) }
```

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

```
.background{ background-color: rgb(117,  
109, 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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