

Converting Colors

CIELCh(54, 82.436, 300.585)

Have a look what the booklet for
CIELCh(54, 82.436, 300.585)
contains.

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Color

CIELCh(54, 82.261, 300.571)

Conversions

Conversions Part 1

Format	Color
Hex	776DFD
RGB	119, 109, 253
RGB Percent	47%, 43%, 99%
CMY	0.5330, 0.5723, 0.0076
CMYK	0.53, 0.57, 0.00, 0.01
HSL	244°, 97%, 71%
HSV	244°, 57%, 99%
XYZ	30.8351, 21.9746, 95.6065
YIQ	128.4060, -40.2640, 46.9040

Conversions

Conversions Part 2

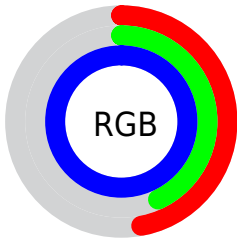
Format	Color
R_{YB}	119, 109, 253
Decimal	7826941
CIE _{Lab}	54.00, 41.84, -70.83
CIE _{LCh}	54, 82.261, 300.571
Yxy	21.9746, 0.2078, 0.1481
Android (android.graphics.Color)	4286017021 (0xFF776DFD)
YUV	128.4060, 61.4248, -8.2491
Hunter-Lab	46.8770, 35.3803, -88.1091

Details

The CIELCh color $54, 82.261, 300.571$ is a light color, and the websafe version is hex $6666FF$. A complement of this color would be $96, 69.730, 108.184$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 51.804, 301.319$, and $34, 81.999, 300.546$ is the 20% darker color. If you saturate the color by 10%, you get $47, 97.930, 302.442$, and if you desaturate by 10%, it is $62, 66.576, 298.788$.

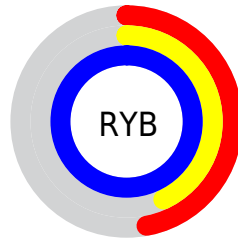
Distribution



Red (47%)

Green (43%)

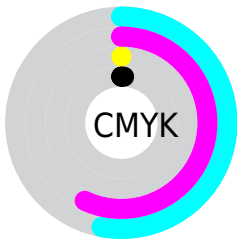
Blue (99%)



Red (47%)

Yellow (43%)

Blue (99%)

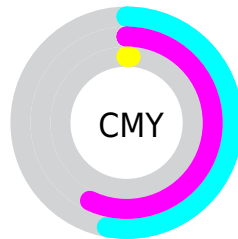


Cyan (53%)

Magenta (57%)

Yellow (0%)

Black (1%)



Cyan (53%)


Magenta (57%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 82.261, 300.571 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, 82.261, 300.571 by changing the saturation by 10% instead.


 54, 82.261,
300.571


 54, 82.261,
300.571


 100, 82.261,
300.571


 44, 82.261,
300.571


 74, 82.261,
300.571

 34, 82.261,
300.571

 84, 82.261,
300.571

 24, 82.261,
300.571

 94, 82.261,
300.571

 14, 82.261,
300.571

 4, 82.261, 300.571

 0, 82.261, 300.571

■ 54, 82.261,
300.571

■ 54, 82.261,
300.571

■ 47, 97.930,
302.442

■ 62, 66.576,
298.788

■ 40, 112.570,
304.211

■ 70, 51.317,
297.181

■ 36, 124.377,
305.588

■ 78, 36.632,
295.776

■ 33, 131.317,
306.292

■ 86, 22.543,
294.569

■ 32, 132.718,
306.439

■ 94, 9.028, 293.541

100, 0.965,
110.026

Harmonies

Complementary

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



54, 82.261, 300.571



96, 69.730, 108.184

Rectangle

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



54, 82.261, 300.571



54, 82.261, 350.571



54, 82.261, 120.571



54, 82.261, 170.571

Sweetspot

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



54, 82.261, 300.572



86, 22.815, 294.581



89, 37.437, 204.879



44, 15.323, 294.809



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, 82.261, 300.572



46, 100.225, 302.650



61, 82.586, 313.966



49, 7.517, 293.793



23, 107.427, 306.488



4, 44.293, 303.142

Inverse Universe

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



68, 82.263, 329.544



65, 94.511, 330.067



92, 76.971, 128.775



50, 8.637, 326.890



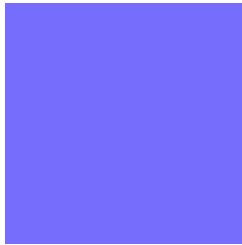
45, 88.126, 331.218



12, 40.810, 330.834

Previews

White Background



This preview shows how the CIELCh color 54, 82.261, 300.571 looks on a white background.

Color Contrast Check

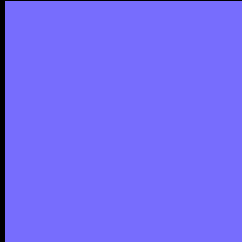
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.261, 300.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

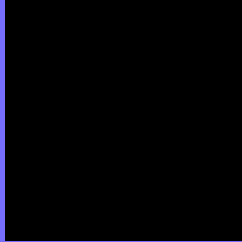
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 82.261, 300.571

Background



This preview shows how black text looks on a background with the CIELCh color 54, 82.261, 300.571.

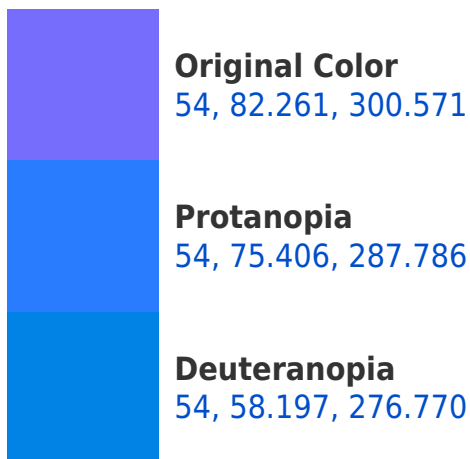


This preview shows how white text looks on a background with the CIELCh color 54, 82.261, 300.571.

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, 18.532, 218.030

Trichromacy



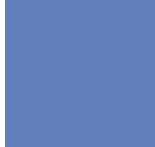
Original Color
54, 82.261, 300.571



Protanomaly
54, 77.461, 291.583



Deuteranomaly
53, 66.889, 285.054



Tritanomaly
53, 34.799, 279.346

Monochromacy



Original Color
54, 82.261, 300.571



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 30.203, 296.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 82.261, 300.571 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(119, 109, 253)` looks like.

```
.text, #text, p{  
    color:rgb(119, 109, 253)  
}
```

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(119, 109, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 109, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 82.261, 300.571 is called "border". The border property can be set on classes, ids or directly on the HTML element.

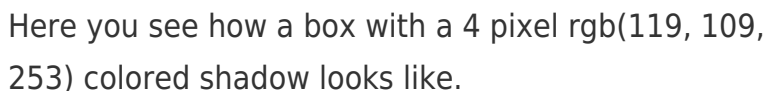
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 109, 253) }
```

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

```
.border{ border-color:rgb(119, 109, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 109, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 109, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 109, 253); box-shadow:4px 4px 4px 4px rgb(119, 109, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 82.261, 300.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 109, 253) }
```

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

```
.background{ background-color: rgb(119,  
109, 253) }
```

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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