

Converting Colors

CIELCh(54, 57.522, 298.012)

Have a look what the booklet for
CIELCh(54, 57.522, 298.012)
contains.

CIELCh(54, 57.595, 298.047)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 57.595, 298.047)

Conversions

Conversions Part 1

Format	Color
Hex	7A75D9
RGB	122, 117, 217
RGB Percent	48%, 46%, 85%
CMY	0.5203, 0.5401, 0.1478
CMYK	0.44, 0.46, 0.00, 0.15
HSL	243°, 57%, 66%
HSV	243°, 46%, 85%
XYZ	27.0299, 21.9746, 68.6785
YIQ	129.8950, -29.1200, 32.1600

Conversions

Conversions Part 2

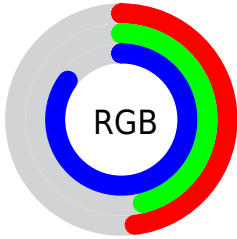
Format	Color
RYB	122, 117, 217
Decimal	8025561
CIELab	54.00, 27.08, -50.83
CIELCh	54, 57.595, 298.047
Yxy	21.9746, 0.2297, 0.1867
Android (android.graphics.Color)	4286215641 (0xFF7A75D9)
YUV	129.8950, 42.9428, -6.9239
Hunter-Lab	46.8770, 20.8905, -54.0505

Details

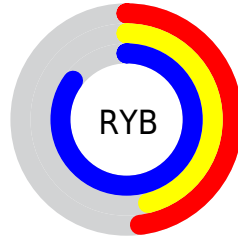
The CIELCh color $54, 57.595, 298.047$ is a light color, and the websafe version is hex `6666CC`. A complement of this color would be $85, 50.902, 108.123$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 46.932, 298.203$, and $34, 57.205, 297.837$ is the 20% darker color. If you saturate the color by 10%, you get $47, 71.451, 299.882$, and if you desaturate by 10%, it is $61, 44.155, 296.407$.

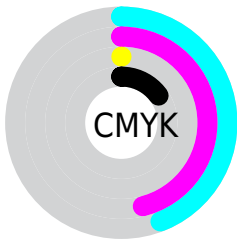
Distribution



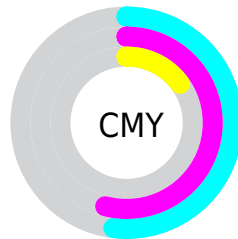
- Red (48%)
- Green (46%)
- Blue (85%)



- Red (48%)
- Yellow (46%)
- Blue (85%)



- Cyan (44%)
- Magenta (46%)
- Yellow (0%)
- Black (15%)




- Cyan (52%)
- Magenta (54%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 57.595, 298.047 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, 57.595, 298.047 by changing the saturation by 10% instead.

 54, 57.595,
298.047

 54, 57.595,
298.047

 100, 57.595,
298.047

 44, 57.595,
298.047


 74, 57.595,
298.047

 34, 57.595,
298.047

 84, 57.595,
298.047

 24, 57.595,
298.047

 94, 57.595,
298.047

 14, 57.595,
298.047

 4, 57.595, 298.047

 0, 57.595, 298.047

■ 54, 57.595,
298.047

■ 54, 57.595,
298.047

■ 47, 71.451,
299.882

■ 61, 44.155,
296.407

■ 41, 85.390,
301.829

■ 68, 31.235,
294.980

■ 35, 98.606,
303.715

■ 75, 18.843,
293.757

■ 30, 109.595,
305.254

■ 83, 6.954, 292.718

■ 28, 116.492,
306.147

■ 90, 4.468, 111.813

■ 27, 118.362,
306.409

■ 97, 15.457,
111.064

■ 99, 19.051,
108.736

Harmonies

Complementary

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



54, 57.595, 298.047



85, 50.902, 108.123

Rectangle

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



54, 57.595, 298.047



54, 57.595, 348.047



54, 57.595, 118.047



54, 57.595, 168.047

Sweetspot

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



54, 57.594, 298.048



89, 18.663, 293.546



80, 29.060, 202.725



46, 12.941, 293.788



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, 57.594, 298.048



56, 79.776, 299.780



59, 59.060, 312.969



42, 6.634, 293.052



20, 99.953, 306.447



2, 29.662, 296.155

Inverse Universe

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



64, 61.307, 328.357



70, 81.516, 328.822



81, 55.680, 128.663



43, 7.732, 326.324



41, 83.216, 330.330



7, 33.369, 329.883

Previews

White Background



This preview shows how the CIELCh color 54, 57.595, 298.047 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, 57.595, 298.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

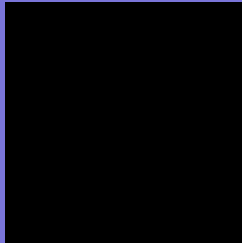
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 57.595, 298.047

Background



This preview shows how black text looks on a background with the CIELCh color 54, 57.595, 298.047.




This preview shows how white text looks on a background with the CIELCh color 54, 57.595, 298.047.

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, 12.536, 229.060

Trichromacy



Original Color
54, 57.595, 298.047

Protanomaly
54, 56.958, 290.180

Deuteranomaly
54, 52.656, 286.403

Tritanomaly
54, 25.285, 279.607

Monochromacy



Original Color
54, 57.595, 298.047

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 21.415, 294.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 57.595, 298.047 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(122, 117, 217)` looks like.

```
.text, #text, p{  
    color:rgb(122, 117, 217)  
}
```

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(122, 117, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 117, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 57.595, 298.047 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(122, 117, 217) }
```

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

```
.border{ border-color:rgb(122, 117, 217) }
```

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

Here you see how a box with a 4 pixel rgb(122, 117, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 117, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 117, 217);  
box-shadow:4px 4px 4px 4px rgb(122, 117,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 57.595, 298.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 117, 217) }
```

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

```
.background{ background-color: rgb(122,  
117, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor