

Converting Colors

CIELCh(58, 73.475, 298.504)

Have a look what the booklet for
CIELCh(58, 73.475, 298.504)
contains.

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Color

CIELCh(58, 72.966, 298.351)

Conversions

Conversions Part 1

Format	Color
Hex	7F7CFD
RGB	127, 124, 253
RGB Percent	50%, 49%, 99%
CMY	0.5026, 0.5143, 0.0085
CMYK	0.50, 0.51, 0.00, 0.01
HSL	241°, 97%, 74%
HSV	241°, 51%, 99%
XYZ	33.6218, 25.9610, 96.0324
YIQ	139.6030, -39.6210, 40.7550

Conversions

Conversions Part 2

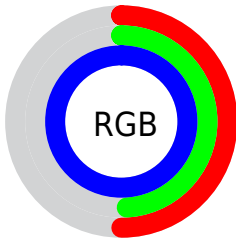
Format	Color
R _Y B	127, 124, 253
Decimal	8355069
CIE Lab	58.00, 34.65, -64.21
CIE LCh	58, 72.966, 298.351
Yxy	25.9610, 0.2161, 0.1668
Android (android.graphics.Color)	4286545149 (0xFF7F7CFD)
YUV	139.6030, 55.9047, -11.0528
Hunter-Lab	50.9519, 28.6213, -76.0814

Details

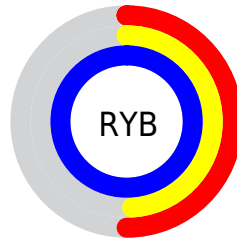
The CIELCh color **58, 72.966, 298.351** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **97, 63.159, 106.410**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 42.292, 297.774**, and **38, 72.778, 298.413** is the 20% darker color. If you saturate the color by 10%, you get **50, 88.818, 300.415**, and if you desaturate by 10%, it is **66, 57.458, 296.471**.

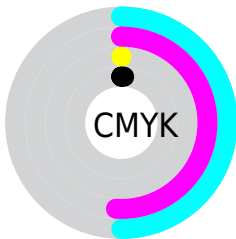
Distribution



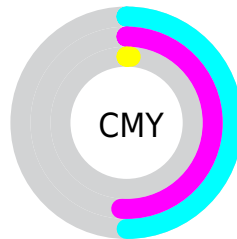
- Red (50%)
- Green (49%)
- Blue (99%)



- Red (50%)
- Yellow (49%)
- Blue (99%)



- Cyan (50%)
- Magenta (51%)
- Yellow (0%)
- Black (1%)





- Cyan (50%)
- Magenta (51%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 72.966, 298.351 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 58, 72.966, 298.351 by changing the saturation by 10% instead.


 58, 72.966,
298.351


 58, 72.966,
298.351


 100, 72.966,
298.351


 48, 72.966,
298.351


 78, 72.966,
298.351

 38, 72.966,
298.351

 88, 72.966,
298.351

 28, 72.966,
298.351

 98, 72.966,
298.351

 18, 72.966,
298.351

 8, 72.966, 298.351

 0, 72.966, 298.351

58, 72.966,
298.351

58, 72.966,
298.351

50, 88.818,
300.415

66, 57.458,
296.471

43, 104.368,
302.521

74, 42.523,
294.822

38, 118.217,
304.406

82, 28.204,
293.408

34, 128.200,
305.731

90, 14.482,
292.207

32, 132.855,
306.333

98, 1.315, 291.232

100, 1.085,
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.



58, 72.966, 298.351



97, 63.159, 106.410

Rectangle

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



58, 72.966, 298.351



58, 72.966, 348.351



58, 72.966, 118.351



58, 72.966, 168.351

Sweetspot

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



58, 72.965, 298.352



88, 20.023, 292.663



92, 36.578, 198.921



45, 13.720, 292.916



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58, 72.965, 298.352



51, 89.417, 300.418



64, 73.865, 312.195



49, 7.506, 292.043



23, 107.665, 306.352



3, 44.184, 302.229

Inverse Universe

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



71, 77.309, 327.789



67, 90.193, 328.218



93, 68.652, 127.289



50, 8.916, 325.571



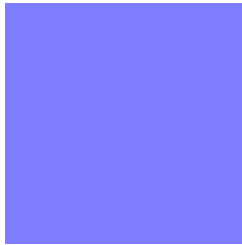
45, 91.410, 329.174



12, 42.145, 329.058

Previews

White Background



This preview shows how the CIELCh color 58, 72.966, 298.351 looks on a white background.

Color Contrast Check

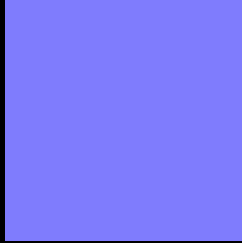
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 72.966, 298.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

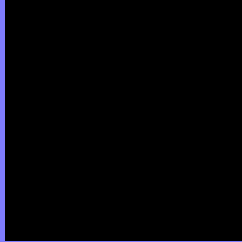
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 72.966, 298.351

Background



This preview shows how black text looks on a background with the CIELCh color 58, 72.966, 298.351.

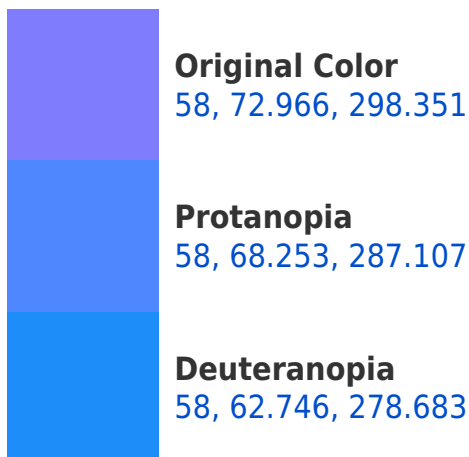


This preview shows how white text looks on a background with the CIELCh color 58, 72.966, 298.351.

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
58, 17.587, 221.049

Trichromacy



Original Color
58, 72.966, 298.351

Protanomaly
58, 69.697, 290.957

Deuteranomaly
57, 65.888, 284.616

Tritanomaly
58, 31.720, 276.262

Monochromacy



Original Color
58, 72.966, 298.351

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 26.861, 294.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 72.966, 298.351 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(127, 124, 253)` looks like.

```
.text, #text, p{  
    color:rgb(127, 124, 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(127, 124, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 124, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 72.966, 298.351 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(127, 124, 253) }
```

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

```
.border{ border-color:rgb(127, 124, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 124, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 124, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 124, 253); box-shadow:4px 4px 4px 4px rgb(127, 124, 253) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 72.966, 298.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 124, 253) }
```

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

```
.background{ background-color: rgb(127,  
124, 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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