

Converting Colors

CIELCh(59, 70.548, 294.985)

Have a look what the booklet for
CIELCh(59, 70.548, 294.985)
contains.

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Color

CIELCh(59, 70.482, 294.914)

Conversions

Conversions Part 1

Format	Color
Hex	7582FF
RGB	117, 130, 255
RGB Percent	46%, 51%, 100%
CMY	0.5405, 0.4896, 0.0000
CMYK	0.54, 0.49, 0.00, 0.00
HSL	234°, 100%, 73%
HSV	234°, 54%, 100%
XYZ	33.4372, 27.0277, 98.2011
YIQ	140.3630, -47.8730, 36.1190

Conversions

Conversions Part 2

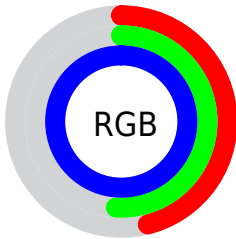
Format	Color
R _Y B	117, 129, 255
Decimal	7701247
CIE Lab	59.00, 29.69, -63.92
CIE LCh	59, 70.482, 294.914
Yxy	27.0277, 0.2107, 0.1703
Android (android.graphics.Color)	4285891327 (0xFF7582FF)
YUV	140.3630, 56.5160, -20.4894
Hunter-Lab	51.9882, 23.8264, -75.6018

Details

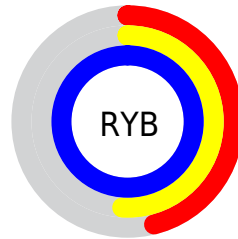
The CIELCh color **59, 70.482, 294.914** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **94, 61.861, 100.319**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 38.760, 290.929**, and **39, 70.304, 294.869** is the 20% darker color. If you saturate the color by 10%, you get **52, 84.988, 297.359**, and if you desaturate by 10%, it is **66, 56.226, 292.694**.

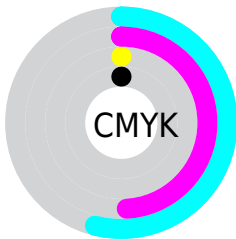
Distribution



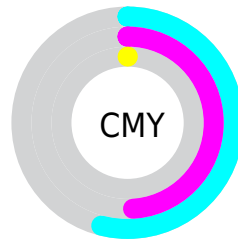
- Red (46%)
- Green (51%)
- Blue (100%)



- Red (46%)
- Yellow (51%)
- Blue (100%)



- Cyan (54%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (54%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 70.482, 294.914 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 59, 70.482, 294.914 by changing the saturation by 10% instead.


 59, 70.482,
294.914


 59, 70.482,
294.914


 100, 70.482,
294.914


 49, 70.482,
294.914


 79, 70.482,
294.914

 39, 70.482,
294.914

 89, 70.482,
294.914

 29, 70.482,
294.914

 99, 70.482,
294.914

 19, 70.482,
294.914

 9, 70.482, 294.914

 0, 70.482, 294.914

■ 59, 70.482,
294.914

■ 59, 70.482,
294.914

■ 52, 84.988,
297.359

■ 66, 56.226,
292.694

■ 45, 99.626,
299.943

■ 74, 42.600,
290.771

■ 40, 113.372,
302.424

■ 82, 29.510,
289.123

■ 35, 124.590,
304.477

■ 89, 16.923,
287.722

■ 34, 129.338,
305.346

■ 97, 4.797, 286.546

100, 0.012,
296.813

Harmonies

Complementary

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



59, 70.482, 294.914



94, 61.861, 100.319

Rectangle

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



59, 70.482, 294.914



59, 70.482, 344.914



59, 70.482, 114.914



59, 70.482, 164.914

Sweetspot

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



59, 70.392, 294.903



88, 19.342, 287.977



92, 41.077, 186.788



45, 13.108, 288.256



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 70.392, 294.903



51, 86.389, 297.602



61, 78.393, 308.881



49, 6.794, 287.159



24, 103.255, 305.096



4, 41.136, 300.076

Inverse Universe

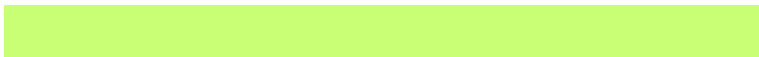
The Inverse Universe completely reimagines the original color for something new.



66, 56.754, 19.345



61, 68.991, 22.523



94, 70.680, 122.863



50, 5.284, 12.354



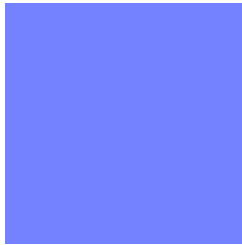
40, 80.256, 36.249



10, 32.642, 23.361

Previews

White Background



This preview shows how the CIELCh color 59, 70.482, 294.914 looks on a white background.

Color Contrast Check

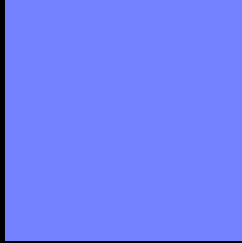
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 70.482, 294.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

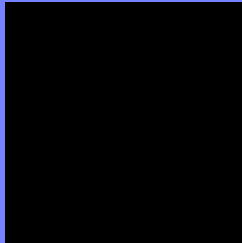
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 70.482, 294.914

Background



This preview shows how black text looks on a background with the CIELCh color 59, 70.482, 294.914.

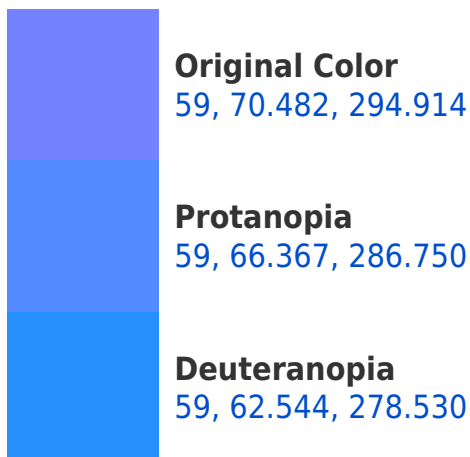


This preview shows how white text looks on a background with the CIELCh color 59, 70.482, 294.914.

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
59, 22.117, 215.708

Trichromacy



Original Color
59, 70.482, 294.914

Protanomaly
59, 67.850, 289.679

Deuteranomaly
59, 65.174, 283.657

Tritanomaly
59, 32.355, 268.305

Monochromacy



Original Color
59, 70.482, 294.914

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 25.602, 289.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 70.482, 294.914 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, 130, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 130, 255)  
}
```

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, 130, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 130, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 70.482, 294.914 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, 130, 255) }
```

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

```
.border{ border-color:rgb(117, 130, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 130, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 130, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 130, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 130,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 70.482, 294.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 130, 255) }
```

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

```
.background{ background-color: rgb(117,  
130, 255) }
```

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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