

Converting Colors

CIELCh(59, 69.461, 294.567)

Have a look what the booklet for
CIELCh(59, 69.461, 294.567)
contains.

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Color

CIELCh(59, 69.331, 294.533)

Conversions

Conversions Part 1

Format	Color
Hex	7583FE
RGB	117, 131, 254
RGB Percent	46%, 51%, 100%
CMY	0.5427, 0.4876, 0.0054
CMYK	0.54, 0.48, 0.00, 0.01
HSL	234°, 98%, 73%
HSV	234°, 54%, 99%
XYZ	33.1811, 27.0277, 96.9093
YIQ	140.8360, -47.8270, 35.2850

Conversions

Conversions Part 2

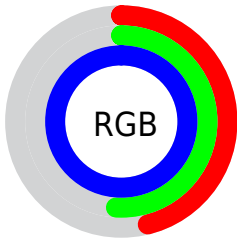
Format	Color
RYB	117, 130, 254
Decimal	7701502
CIELab	59.00, 28.79, -63.07
CIELCh	59, 69.331, 294.533
Yxy	27.0277, 0.2112, 0.1720
Android (android.graphics.Color)	4285891582 (0xFF7583FE)
YUV	140.8360, 55.7899, -20.9042
Hunter-Lab	51.9882, 22.9469, -74.1285

Details

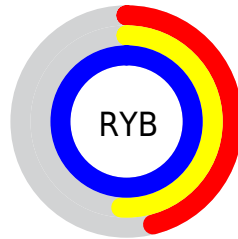
The CIELCh color **59, 69.331, 294.533** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **94, 61.124, 99.850**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 38.200, 290.365**, and **39, 69.068, 294.524** is the 20% darker color. If you saturate the color by 10%, you get **52, 83.717, 297.009**, and if you desaturate by 10%, it is **66, 55.380, 292.313**.

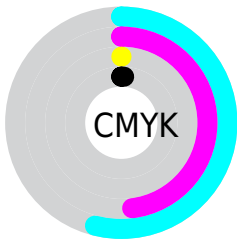
Distribution



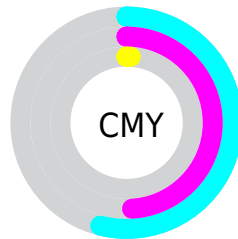
- Red (46%)
- Green (51%)
- Blue (100%)



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



- Cyan (54%)
- Magenta (48%)
- Yellow (0%)
- Black (1%)





- Cyan (54%)
- Magenta (49%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 69.331, 294.533 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, 69.331, 294.533 by changing the saturation by 10% instead.


 59, 69.331,
294.533


 59, 69.331,
294.533


 100, 69.331,
294.533


 49, 69.331,
294.533


 79, 69.331,
294.533

 39, 69.331,
294.533

 89, 69.331,
294.533

 29, 69.331,
294.533

 99, 69.331,
294.533

 19, 69.331,
294.533

 9, 69.331, 294.533

 0, 69.331, 294.533

■ 59, 69.331,
294.533

■ 59, 69.331,
294.533

■ 52, 83.717,
297.009

■ 66, 55.380,
292.313

■ 45, 98.187,
299.624

■ 74, 41.961,
290.380

■ 40, 111.873,
302.154

■ 81, 29.066,
288.724

■ 35, 123.225,
304.282

■ 89, 16.660,
287.316

■ 34, 128.175,
305.208

■ 97, 4.702, 286.136

■ 100, 0.692,
110.014

Harmonies

Complementary

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



59, 69.331, 294.533



94, 61.124, 99.850

Rectangle

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



59, 69.331, 294.533



59, 69.331, 344.533



59, 69.331, 114.533



59, 69.331, 164.533

Sweetspot

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



59, 69.330, 294.534



88, 19.161, 287.577



92, 41.328, 185.192



45, 12.985, 287.858



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, 69.330, 294.534



52, 85.517, 297.266



60, 77.967, 308.394



49, 6.732, 286.754



25, 102.711, 304.947



5, 40.864, 299.904

Inverse Universe

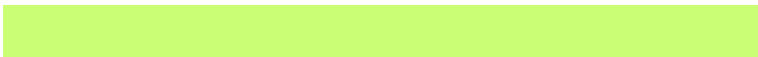
The Inverse Universe completely reimagines the original color for something new.



66, 56.367, 18.697



61, 68.783, 21.893



94, 70.057, 122.209



50, 5.292, 11.672



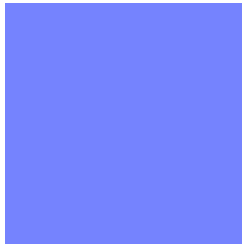
40, 79.852, 35.820



10, 32.583, 23.007

Previews

White Background



This preview shows how the CIE LCh color 59, 69.331, 294.533 looks on a white background.

Color Contrast Check

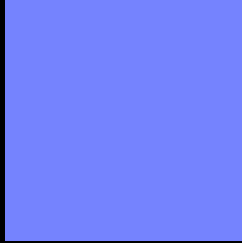
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.331, 294.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

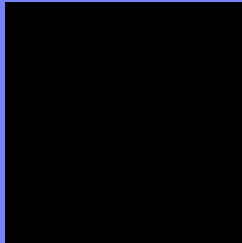
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 69.331, 294.533

Background



This preview shows how black text looks on a background with the CIELCh color 59, 69.331, 294.533.

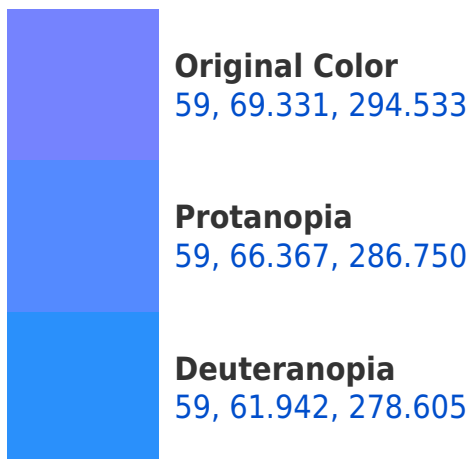


This preview shows how white text looks on a background with the CIELCh color 59, 69.331, 294.533.

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, 69.331, 294.533

Protanomaly
59, 67.311, 289.543

Deuteranomaly
59, 64.575, 283.798

Tritanomaly
58, 32.446, 267.899

Monochromacy



Original Color
59, 69.331, 294.533

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 25.056, 288.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 69.331, 294.533 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, 131, 254)` looks like.

```
.text, #text, p{  
    color:rgb(117, 131, 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, 131, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 131, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 69.331, 294.533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

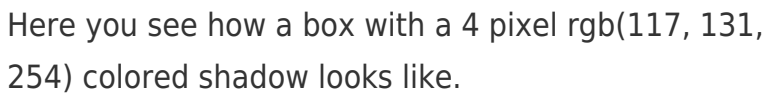
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 131, 254) }
```

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

```
.border{ border-color:rgb(117, 131, 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, 131, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 131, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 131, 254);  
box-shadow:4px 4px 4px 4px rgb(117, 131,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 69.331, 294.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 131, 254) }
```

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

```
.background{ background-color: rgb(117,  
131, 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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