

Converting Colors

CIELCh(58, 66.730, 290.142)

Have a look what the booklet for
CIELCh(58, 66.730, 290.142)
contains.

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Color

CIELCh(58, 66.912, 290.260)

Conversions

Conversions Part 1

Format	Color
Hex	6184FA
RGB	97, 132, 250
RGB Percent	38%, 52%, 98%
CMY	0.6194, 0.4822, 0.0194
CMYK	0.61, 0.47, 0.00, 0.02
HSL	226°, 94%, 68%
HSV	226°, 61%, 98%
XYZ	30.4526, 25.9610, 93.8829
YIQ	134.9870, -58.7380, 29.2780

Conversions

Conversions Part 2

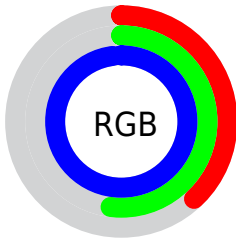
Format	Color
R _Y B	97, 125, 250
Decimal	6391034
CIE Lab	58.00, 23.17, -62.77
CIE LCh	58, 66.912, 290.260
Yxy	25.9610, 0.2026, 0.1727
Android (android.graphics.Color)	4284581114 (0xFF6184FA)
YUV	134.9870, 56.7014, -33.3146
Hunter-Lab	50.9519, 17.5187, -73.5801

Details

The CIELCh color **58, 66.912, 290.260** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **87, 61.294, 90.945**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 38.206, 281.858**, and **38, 67.277, 290.430** is the 20% darker color. If you saturate the color by 10%, you get **52, 79.129, 293.232**, and if you desaturate by 10%, it is **64, 55.068, 287.586**.

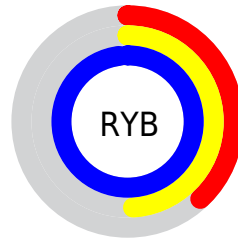
Distribution



Red (38%)

Green (52%)

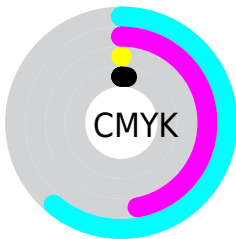
Blue (98%)



Red (38%)

Yellow (49%)

Blue (98%)

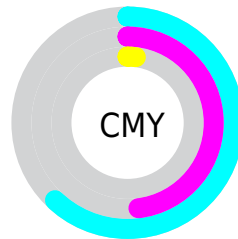


Cyan (61%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (62%)


Magenta (48%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 66.912, 290.260 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, 66.912, 290.260 by changing the saturation by 10% instead.


 58, 66.912,
290.260


 58, 66.912,
290.260


 100, 66.912,
290.260


 48, 66.912,
290.260


 78, 66.912,
290.260


 38, 66.912,
290.260


 88, 66.912,
290.260

 28, 66.912,
290.260

 98, 66.912,
290.260

 18, 66.912,
290.260

 8, 66.912, 290.260

 0, 66.912, 290.260

■ 58, 66.912,
290.260

■ 58, 66.912,
290.260

■ 52, 79.129,
293.232

■ 64, 55.068,
287.586

■ 46, 91.549,
296.382

■ 71, 43.622,
285.245

■ 41, 103.699,
299.499

■ 78, 32.545,
283.229

■ 38, 113.502,
301.960

■ 84, 21.800,
281.507

■ 91, 11.359,
280.042

■ 98, 1.198, 278.934

■ 100, 2.503,
109.960

Harmonies

Complementary

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



58, 66.912, 290.260



87, 61.294, 90.945

Rectangle

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



58, 66.912, 290.260



58, 66.912, 340.260



58, 66.912, 110.260



58, 66.912, 160.260

Sweetspot

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



58, 66.912, 290.261



88, 18.739, 281.017



90, 49.050, 173.998



45, 13.073, 281.467



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, 66.912, 290.261



52, 82.691, 293.819



53, 87.632, 305.848



49, 5.758, 279.818



28, 90.445, 301.480



6, 35.015, 295.984

Inverse Universe

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



62, 62.226, 11.015



59, 74.033, 15.045



93, 75.286, 117.105



49, 5.397, 1.934



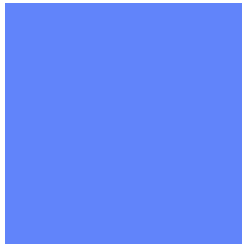
40, 72.812, 27.314



9, 30.855, 16.314

Previews

White Background



This preview shows how the CIELCh color 58, 66.912, 290.260 looks on a white background.

Color Contrast Check

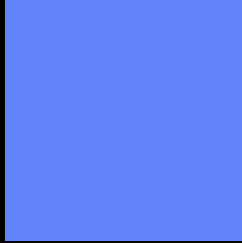
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 66.912, 290.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

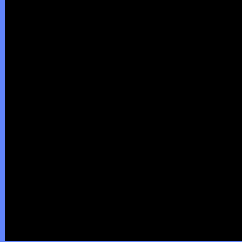
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 66.912, 290.260

Background



This preview shows how black text looks on a background with the CIELCh color 58, 66.912, 290.260.



This preview shows how white text looks on a background with the CIELCh color 58, 66.912, 290.260.

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



Original Color

58, 66.912, 290.260

Protanopia

58, 67.138, 287.031

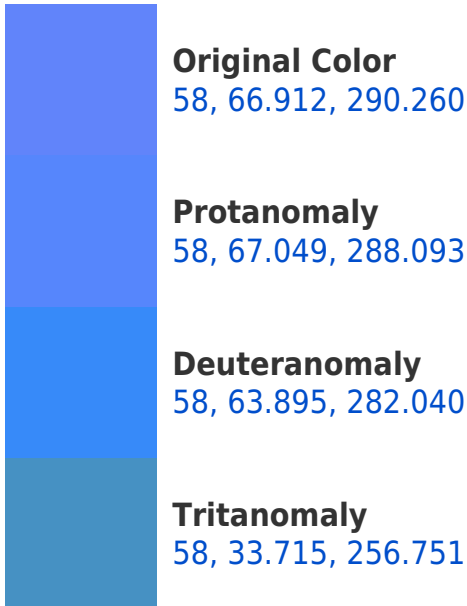
Deuteranopia

58, 62.209, 278.514

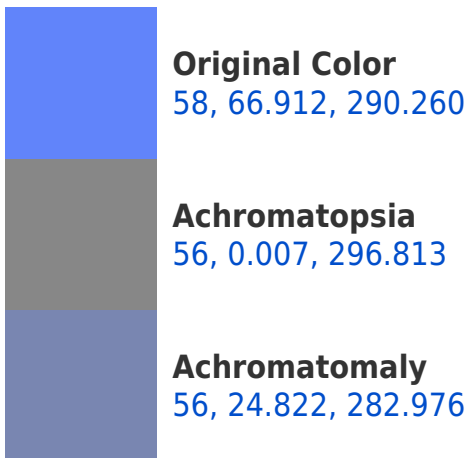


Tritanopia
58, 28.086, 211.305

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 66.912, 290.260 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(97, 132, 250)` looks like.

```
.text, #text, p{  
    color:rgb(97, 132, 250)  
}
```

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(97, 132, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 132, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 66.912, 290.260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

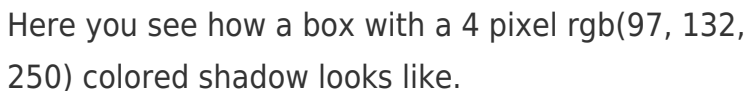
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 132, 250) }
```

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

```
.border{ border-color:rgb(97, 132, 250) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 132, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 132, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 132, 250); box-shadow:4px 4px 4px 4px rgb(97, 132, 250) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 66.912, 290.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 132, 250) }
```

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

```
.background{ background-color: rgb(97, 132,  
250) }
```

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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