

Converting Colors

CIELCh(59, 66.425, 292.497)

Have a look what the booklet for
CIELCh(59, 66.425, 292.497)
contains.

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Color

CIELCh(59, 66.041, 292.396)

Conversions

Conversions Part 1

Format	Color
Hex	6F85FA
RGB	111, 133, 250
RGB Percent	44%, 52%, 98%
CMY	0.5650, 0.4787, 0.0199
CMYK	0.56, 0.47, 0.00, 0.02
HSL	231°, 93%, 71%
HSV	231°, 56%, 98%
XYZ	32.1665, 27.0277, 93.9001
YIQ	139.7600, -50.6690, 31.7230

Conversions

Conversions Part 2

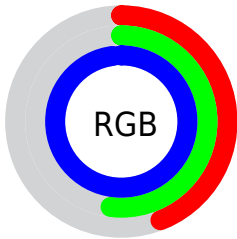
Format	Color
RYB	111, 130, 250
Decimal	7308794
CIELab	59.00, 25.16, -61.06
CIElCh	59, 66.041, 292.396
Yxy	27.0277, 0.2101, 0.1765
Android (android.graphics.Color)	4285498874 (0xFF6F85FA)
YUV	139.7600, 54.3483, -25.2225
Hunter-Lab	51.9882, 19.4635, -70.6967

Details

The CIELCh color **59, 66.041, 292.396** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **90, 59.246, 96.378**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 37.227, 286.425**, and **39, 66.217, 292.401** is the 20% darker color. If you saturate the color by 10%, you get **52, 79.346, 295.040**, and if you desaturate by 10%, it is **66, 53.165, 290.036**.

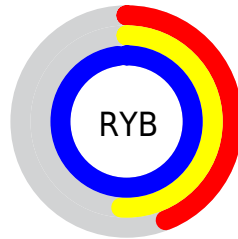
Distribution



Red (44%)

Green (52%)

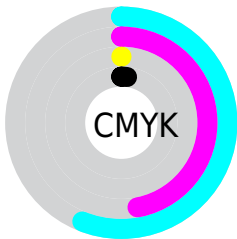
Blue (98%)



Red (44%)

Yellow (51%)

Blue (98%)

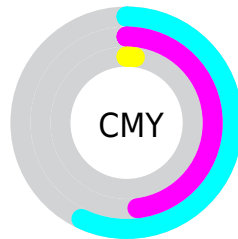


Cyan (56%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (57%)


Magenta (48%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 66.041, 292.396 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, 66.041, 292.396 by changing the saturation by 10% instead.


 59, 66.041,
292.396


 59, 66.041,
292.396


 100, 66.041,
292.396

 49, 66.041,
292.396


 79, 66.041,
292.396

 39, 66.041,
292.396


 89, 66.041,
292.396

 29, 66.041,
292.396

 99, 66.041,
292.396

 19, 66.041,
292.396

 9, 66.041, 292.396

 0, 66.041, 292.396

■ 59, 66.041,
292.396

■ 59, 66.041,
292.396

■ 52, 79.346,
295.040

■ 66, 53.165,
290.036

■ 46, 92.860,
297.866

■ 73, 40.763,
287.983

■ 41, 105.981,
300.675

■ 80, 28.812,
286.223

■ 36, 117.553,
303.175

■ 87, 17.276,
284.723

■ 35, 121.778,
304.064

■ 94, 6.121, 283.458

■ 100, 2.564,
109.956

Harmonies

Complementary

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



59, 66.041, 292.396



90, 59.246, 96.378

Rectangle

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



59, 66.041, 292.396



59, 66.041, 342.396



59, 66.041, 112.396



59, 66.041, 162.396

Sweetspot

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



59, 66.040, 292.397



88, 19.160, 284.919



90, 43.251, 180.422



45, 12.857, 285.208



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, 66.040, 292.397



52, 82.557, 295.443



58, 79.312, 307.095



48, 6.228, 283.921



26, 97.374, 303.700



5, 37.332, 297.876

Inverse Universe

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



64, 56.897, 14.882



61, 69.681, 18.365



93, 70.252, 120.131



49, 5.270, 7.280



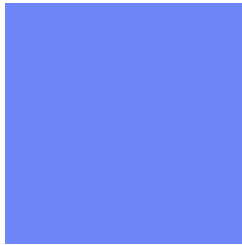
39, 76.244, 32.486



9, 31.197, 19.645

Previews

White Background



This preview shows how the CIELCh color 59, 66.041, 292.396 looks on a white background.

Color Contrast Check

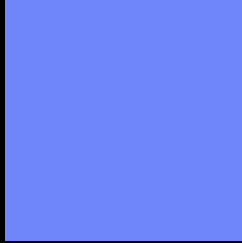
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.041, 292.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

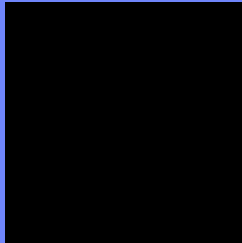
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 66.041, 292.396

Background



This preview shows how black text looks on a background with the CIELCh color 59, 66.041, 292.396.

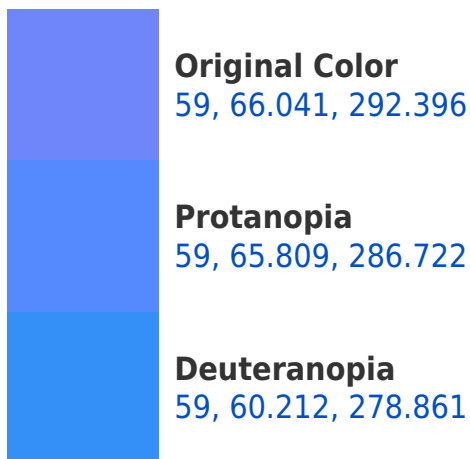



This preview shows how white text looks on a background with the CIELCh color 59, 66.041, 292.396.

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, 23.723, 214.310

Trichromacy



Original Color
59, 66.041, 292.396

Protanomaly
59, 66.227, 288.710

Deuteranomaly
59, 62.363, 283.456

Tritanomaly
59, 31.665, 263.146

Monochromacy



Original Color
59, 66.041, 292.396

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 24.541, 286.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 66.041, 292.396 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(111, 133, 250)` looks like.

```
.text, #text, p{  
    color:rgb(111, 133, 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(111, 133, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 133, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 66.041, 292.396 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(111, 133, 250) }
```

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

```
.border{ border-color:rgb(111, 133, 250) }
```

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

Here you see how a box with a 4 pixel rgb(111, 133, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 133, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 133, 250);  
box-shadow:4px 4px 4px 4px rgb(111, 133,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 66.041, 292.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 133, 250) }
```

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

```
.background{ background-color: rgb(111,  
133, 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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