

Converting Colors

CIELCh(59, 66.367, 286.750)

Have a look what the booklet for
CIELCh(59, 66.367, 286.750)
contains.

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Color

CIELCh(59, 66.438, 286.831)

Conversions

Conversions Part 1

Format	Color
Hex	5389FE
RGB	83, 137, 254
RGB Percent	33%, 54%, 100%
CMY	0.6726, 0.4614, 0.0024
CMYK	0.67, 0.46, 0.00, 0.00
HSL	221°, 99%, 66%
HSV	221°, 67%, 100%
XYZ	30.5534, 27.0277, 97.6973
YIQ	134.1920, -69.7410, 24.9390

Conversions

Conversions Part 2

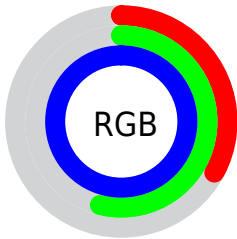
Format	Color
R _Y B	83, 124, 254
Decimal	5474814
CIE Lab	59.00, 19.24, -63.59
CIE LCh	59, 66.438, 286.831
Yxy	27.0277, 0.1968, 0.1741
Android (android.graphics.Color)	4283664894 (0xFF5389FE)
YUV	134.1920, 59.0653, -44.8954
Hunter-Lab	51.9882, 13.9248, -75.0272

Details

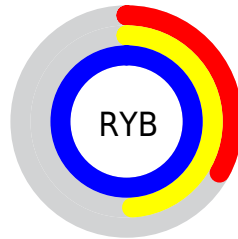
The CIELCh color **59, 66.438, 286.831** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **84, 64.142, 83.349**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 36.509, 273.577**, and **40, 65.755, 288.864** is the 20% darker color. If you saturate the color by 10%, you get **53, 77.312, 290.238**, and if you desaturate by 10%, it is **65, 55.871, 283.742**.

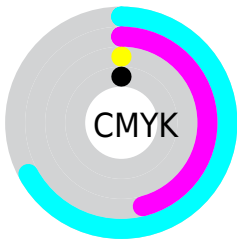
Distribution



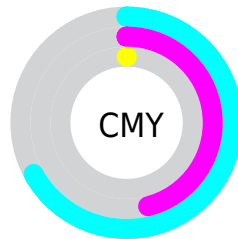
- Red (33%)
- Green (54%)
- Blue (100%)



- Red (33%)
- Yellow (49%)
- Blue (100%)



- Cyan (67%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (67%)
- Magenta (46%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 66.438, 286.831 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, 66.438, 286.831 by changing the saturation by 10% instead.


 59, 66.438,
286.831


 59, 66.438,
286.831


 100, 66.438,
286.831


 49, 66.438,
286.831


 79, 66.438,
286.831

 39, 66.438,
286.831

 89, 66.438,
286.831

 29, 66.438,
286.831

 99, 66.438,
286.831

 19, 66.438,
286.831

 9, 66.438, 286.831

 0, 66.438, 286.831

■ 59, 66.438,
286.831

■ 59, 66.438,
286.831

■ 53, 77.312,
290.238

■ 65, 55.871,
283.742

■ 48, 88.414,
293.823

■ 71, 45.596,
281.024

■ 44, 99.459,
297.357

■ 77, 35.571,
278.677

■ 43, 102.501,
298.272

■ 83, 25.760,
276.669

■ 89, 16.138,
274.958

■ 95, 6.692, 273.515

100, 0.299,
109.897

Harmonies

Complementary

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



59, 66.438, 286.831



84, 64.142, 83.349

Rectangle

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



59, 66.438, 286.831



59, 66.438, 336.831



59, 66.438, 106.831



59, 66.438, 156.831

Sweetspot

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



59, 66.438, 286.832



88, 18.865, 275.412



90, 57.544, 166.672



45, 12.903, 275.887



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, 66.438, 286.832



52, 81.691, 291.598



48, 98.177, 304.649



50, 5.315, 273.825



32, 81.253, 297.669



8, 32.610, 292.690

Inverse Universe

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



61, 68.653, 6.079



57, 78.778, 11.186



95, 81.137, 113.120



50, 5.710, 355.772



40, 70.189, 19.883



10, 31.403, 11.668

Previews

White Background



This preview shows how the CIE LCh color 59, 66.438, 286.831 looks on a white background.

Color Contrast Check

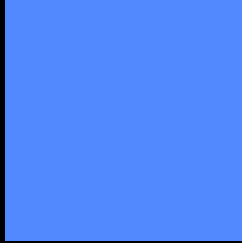
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 66.438, 286.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

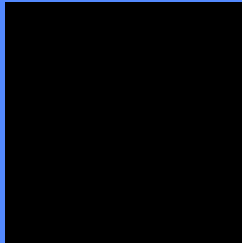
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

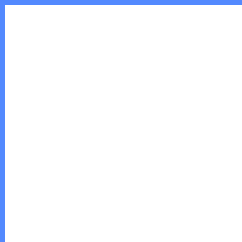
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 66.438, 286.831

Background



This preview shows how black text looks on a background with the CIELCh color 59, 66.438, 286.831.



This preview shows how white text looks on a background with the CIELCh color 59, 66.438, 286.831.

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

59, 66.438, 286.831

Protanopia

59, 66.414, 286.973

Deuteranopia

59, 63.722, 278.770



Tritanopia
59, 33.602, 208.484

Trichromacy



Original Color
59, 66.438, 286.831

Protanomaly
59, 66.414, 286.973

Deuteranomaly
59, 64.979, 281.254

Tritanomaly
58, 37.126, 248.428

Monochromacy



Original Color
59, 66.438, 286.831

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 24.623, 277.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 66.438, 286.831 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(83, 137, 254)` looks like.

```
.text, #text, p{  
    color:rgb(83, 137, 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(83, 137, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 137, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 66.438, 286.831 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(83, 137, 254) }
```

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

```
.border{ border-color:rgb(83, 137, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 137, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 137, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 137, 254);  
box-shadow:4px 4px 4px 4px rgb(83, 137,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 66.438, 286.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 137, 254) }
```

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

```
.background{ background-color: rgb(83, 137,  
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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