

Converting Colors

CIELCh(61, 59.249, 287.479)

Have a look what the booklet for
CIELCh(61, 59.249, 287.479)
contains.

CIELCh(61, 59.202, 287.564)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 59.202, 287.564)

Conversions

Conversions Part 1

Format	Color
Hex	6A8EF7
RGB	106, 142, 247
RGB Percent	42%, 56%, 97%
CMY	0.5830, 0.4420, 0.0301
CMYK	0.57, 0.42, 0.00, 0.03
HSL	225°, 90%, 69%
HSV	225°, 57%, 97%
XYZ	32.5347, 29.2481, 92.1803
YIQ	143.2060, -55.1610, 25.0230

Conversions

Conversions Part 2

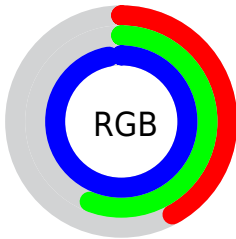
Format	Color
RYB	106, 135, 247
Decimal	6983415
CIELab	61.00, 17.87, -56.44
CIElCh	61, 59.202, 287.564
Yxy	29.2481, 0.2113, 0.1900
Android (android.graphics.Color)	4285173495 (0xFF6A8EF7)
YUV	143.2060, 51.1704, -32.6297
Hunter-Lab	54.0815, 12.7403, -63.2008

Details

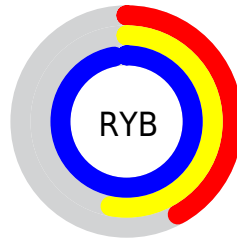
The CIELCh color **61, 59.202, 287.564** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **86, 55.797, 89.597**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.930, 277.392**, and **41, 59.488, 287.748** is the 20% darker color. If you saturate the color by 10%, you get **55, 70.668, 290.486**, and if you desaturate by 10%, it is **67, 48.100, 284.979**.

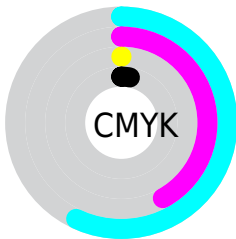
Distribution



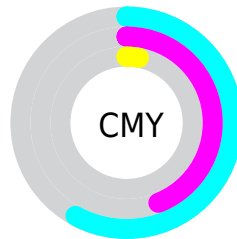
- Red (42%)
- Green (56%)
- Blue (97%)



- Red (42%)
- Yellow (53%)
- Blue (97%)



- Cyan (57%)
- Magenta (42%)
- Yellow (0%)
- Black (3%)



- Cyan (58%)
- Magenta (44%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 59.202, 287.564 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 61, 59.202, 287.564 by changing the saturation by 10% instead.

■ 61, 59.202,
287.564

■ 61, 59.202,
287.564

■ 100, 59.202,
287.564

■ 51, 59.202,
287.564

■ 81, 59.202,
287.564

■ 41, 59.202,
287.564

■ 91, 59.202,
287.564

■ 31, 59.202,
287.564

■ 21, 59.202,
287.564

■ 11, 59.202,
287.564

■ 1, 59.202, 287.564

■ 0, 59.202, 287.564

61, 59.202,
287.564

61, 59.202,
287.564

55, 70.668,
290.486

67, 48.100,
284.979

49, 82.453,
293.671

74, 37.344,
282.738

44, 94.325,
296.962

80, 26.897,
280.818

40, 105.734,
300.110

86, 16.727,
279.179

38, 108.954,
300.950

93, 6.811, 277.793

99, 2.865, 96.477

100, 3.886,
109.868

Harmonies

Complementary

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



61, 59.202, 287.564



86, 55.797, 89.597

Rectangle

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



61, 59.202, 287.564



61, 59.202, 337.564



61, 59.202, 107.564



61, 59.202, 157.564

Sweetspot

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



61, 59.201, 287.565



89, 17.144, 279.183



89, 47.470, 171.967



46, 11.496, 279.492



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 59.201, 287.565



56, 73.648, 290.827



55, 80.673, 304.540



48, 5.496, 278.113



28, 86.558, 300.419



6, 32.515, 294.250

Inverse Universe

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



63, 57.652, 7.819



61, 69.477, 11.123



93, 69.819, 115.782



48, 5.365, 0.007



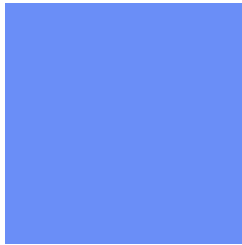
39, 70.913, 25.089



9, 29.800, 13.905

Previews

White Background



This preview shows how the CIE LCh color 61, 59.202, 287.564 looks on a white background.

Color Contrast Check

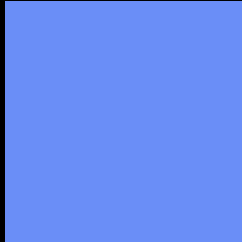
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 59.202, 287.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

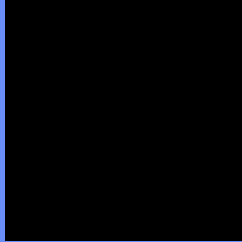
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 59.202, 287.564

Background



This preview shows how black text looks on a background with the CIELCh color 61, 59.202, 287.564.



This preview shows how white text looks on a background with the CIELCh color 61, 59.202, 287.564.

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


61, 59.202, 287.564

Protanopia

61, 59.274, 286.495

Deuteranopia

61, 56.257, 279.352



Tritanopia
61, 25.769, 214.053

Trichromacy



Original Color
61, 59.202, 287.564

Protanomaly
61, 59.218, 286.893

Deuteranomaly
61, 56.976, 282.059

Tritanomaly
61, 31.056, 255.707

Monochromacy



Original Color
61, 59.202, 287.564

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 22.346, 281.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 59.202, 287.564 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(106, 142, 247)` looks like.

```
.text, #text, p{  
    color:rgb(106, 142, 247)  
}
```

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(106, 142, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 142, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 59.202, 287.564 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(106, 142, 247) }
```

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

```
.border{ border-color:rgb(106, 142, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 142, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 142, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 142, 247);  
box-shadow:4px 4px 4px 4px rgb(106, 142,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 59.202, 287.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 142, 247) }
```

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

```
.background{ background-color: rgb(106,  
142, 247) }
```

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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