

Converting Colors

CIELCh(61, 66.789, 293.790)

Have a look what the booklet for
CIELCh(61, 66.789, 293.790)
contains.

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Color

CIELCh(61, 66.172, 293.662)

Conversions

Conversions Part 1

Format	Color
Hex	7A89FF
RGB	122, 137, 255
RGB Percent	48%, 54%, 100%
CMY	0.5215, 0.4627, 0.0000
CMYK	0.52, 0.46, 0.00, 0.00
HSL	233°, 100%, 74%
HSV	233°, 52%, 100%
XYZ	35.0210, 29.2481, 98.4057
YIQ	145.9670, -46.8180, 33.5180

Conversions

Conversions Part 2

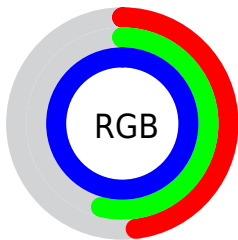
Format	Color
RYB	122, 135, 255
Decimal	8030719
CIELab	61.00, 26.56, -60.61
CIELCh	61, 66.172, 293.662
Yxy	29.2481, 0.2153, 0.1798
Android (android.graphics.Color)	4286220799 (0xFF7A89FF)
YUV	145.9670, 53.7533, -21.0191
Hunter-Lab	54.0815, 20.9467, -70.0258

Details

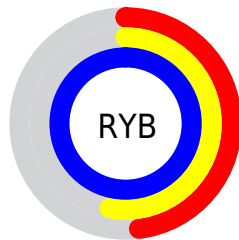
The CIELCh color **61, 66.172, 293.662** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94, 58.936, 99.477**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 34.834, 288.628**, and **41, 65.613, 293.403** is the 20% darker color. If you saturate the color by 10%, you get **54, 80.379, 296.119**, and if you desaturate by 10%, it is **68, 52.436, 291.478**.

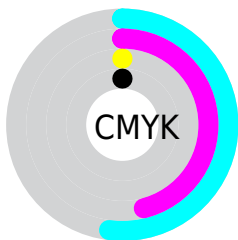
Distribution



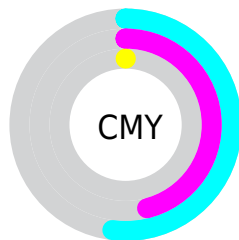
- Red (48%)
- Green (54%)
- Blue (100%)



- Red (48%)
- Yellow (53%)
- Blue (100%)



- Cyan (52%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (46%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 66.172, 293.662 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, 66.172, 293.662 by changing the saturation by 10% instead.


 61, 66.172,
293.662


 61, 66.172,
293.662


 100, 66.172,
293.662


 51, 66.172,
293.662


 81, 66.172,
293.662

 41, 66.172,
293.662

 91, 66.172,
293.662

 31, 66.172,
293.662

 21, 66.172,
293.662

 11, 66.172,
293.662

 1, 66.172, 293.662

 0, 66.172, 293.662

■ 61, 66.172,
293.662

■ 61, 66.172,
293.662

■ 54, 80.379,
296.119

■ 68, 52.436,
291.478

■ 47, 94.801,
298.756

■ 76, 39.227,
289.585

■ 41, 108.742,
301.378

■ 83, 26.527,
287.967

■ 37, 120.852,
303.685

■ 91, 14.297,
286.592

■ 34, 127.945,
305.041

■ 98, 2.500, 285.462

■ 100, 0.011,
297.188

Harmonies

Complementary

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



61, 66.172, 293.662



94, 58.936, 99.477

Rectangle

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



61, 66.172, 293.662



61, 66.172, 343.662



61, 66.172, 113.662



61, 66.172, 163.662

Sweetspot

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



61, 66.171, 293.663



88, 18.948, 287.094



93, 40.442, 185.368



45, 12.839, 287.376



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, 66.171, 293.663



53, 81.597, 296.337



62, 75.516, 308.260



49, 6.658, 286.265



25, 102.026, 304.758



5, 40.542, 299.697

Inverse Universe

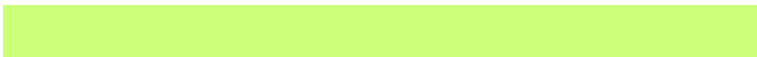
The Inverse Universe completely reimagines the original color for something new.



67, 54.407, 17.476



62, 66.399, 20.494



94, 68.155, 122.276



50, 5.301, 10.867



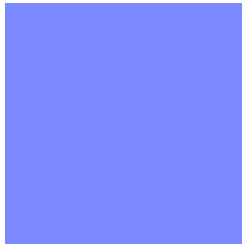
40, 79.360, 35.286



10, 32.515, 22.585

Previews

White Background



This preview shows how the CIELCh color 61, 66.172, 293.662 looks on a white background.

Color Contrast Check

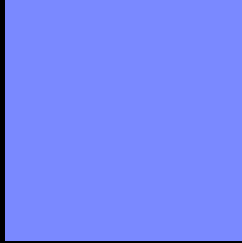
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 66.172, 293.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

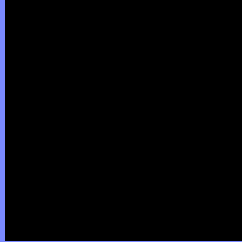
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 66.172, 293.662

Background



This preview shows how black text looks on a background with the CIELCh color 61, 66.172, 293.662.



This preview shows how white text looks on a background with the CIELCh color 61, 66.172, 293.662.

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
61, 21.170, 216.531

Trichromacy



Original Color
61, 66.172, 293.662

Protanomaly
61, 64.115, 288.975

Deuteranomaly
61, 61.830, 284.178

Tritanomaly
61, 30.655, 266.588

Monochromacy



Original Color
61, 66.172, 293.662

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 24.309, 288.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 66.172, 293.662 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(122, 137, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 137, 255)  
}
```

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(122, 137, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 137, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 66.172, 293.662 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(122, 137, 255) }
```

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

```
.border{ border-color:rgb(122, 137, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 137, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 137, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 137, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 137,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 66.172, 293.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 137, 255) }
```

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

```
.background{ background-color: rgb(122,  
137, 255) }
```

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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