

Converting Colors

CIELCh(61, 64.568, 290.706)

Have a look what the booklet for
CIELCh(61, 64.568, 290.706)
contains.

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Color

CIELCh(61, 64.552, 290.655)

Conversions

Conversions Part 1

Format	Color
Hex	708CFF
RGB	112, 140, 255
RGB Percent	44%, 55%, 100%
CMY	0.5626, 0.4525, 0.0017
CMYK	0.56, 0.45, 0.00, 0.00
HSL	228°, 99%, 72%
HSV	228°, 56%, 100%
XYZ	33.9226, 29.2481, 98.0913
YIQ	144.7380, -53.6030, 29.8290

Conversions

Conversions Part 2

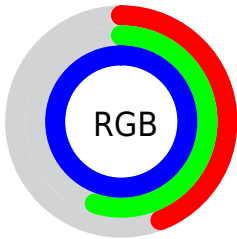
Format	Color
RYB	112, 135, 255
Decimal	7376127
CIELab	61.00, 22.77, -60.40
CIElCh	61, 64.552, 290.655
Yxy	29.2481, 0.2104, 0.1814
Android (android.graphics.Color)	4285566207 (0xFF708CFF)
YUV	144.7380, 54.3592, -28.7112
Hunter-Lab	54.0815, 17.3213, -69.6811

Details

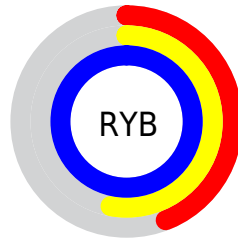
The CIELCh color **61, 64.552, 290.655** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **90, 58.887, 93.842**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 33.558, 281.980**, and **41, 63.950, 290.392** is the 20% darker color. If you saturate the color by 10%, you get **54, 77.382, 293.412**, and if you desaturate by 10%, it is **68, 52.145, 288.204**.

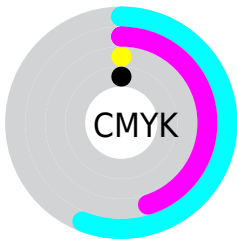
Distribution



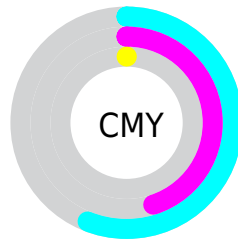
- Red (44%)
- Green (55%)
- Blue (100%)



- Red (44%)
- Yellow (53%)
- Blue (100%)



- Cyan (56%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 64.552, 290.655 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, 64.552, 290.655 by changing the saturation by 10% instead.


 61, 64.552,
290.655


 61, 64.552,
290.655


 100, 64.552,
290.655


 51, 64.552,
290.655


 81, 64.552,
290.655

 41, 64.552,
290.655

 91, 64.552,
290.655

 31, 64.552,
290.655

 21, 64.552,
290.655

 11, 64.552,
290.655

 1, 64.552, 290.655

 0, 64.552, 290.655

61, 64.552,
290.655

61, 64.552,
290.655

54, 77.382,
293.412

68, 52.145,
288.204

48, 90.490,
296.383

75, 40.176,
286.075

43, 103.432,
299.388

82, 28.613,
284.249

38, 115.290,
302.152

89, 17.419,
282.693

37, 119.286,
303.049

96, 6.564, 281.378

100, 0.213,
109.799

Harmonies

Complementary

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



61, 64.552, 290.655



90, 58.887, 93.842

Rectangle

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



61, 64.552, 290.655



61, 64.552, 340.655



61, 64.552, 110.655



61, 64.552, 160.655

Sweetspot

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



61, 64.551, 290.656



88, 18.347, 282.811



92, 45.401, 177.444



45, 12.308, 283.108



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, 64.551, 290.656



54, 78.557, 293.650



58, 81.334, 306.232



49, 6.070, 281.788



27, 94.837, 302.621



6, 37.788, 297.718

Inverse Universe

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



65, 58.160, 12.136



61, 69.085, 15.417



94, 71.436, 118.711



50, 5.422, 4.365



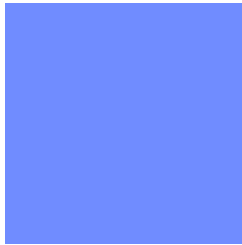
40, 75.128, 29.873



10, 32.006, 18.919

Previews

White Background



This preview shows how the CIE LCh color 61, 64.552, 290.655 looks on a white background.

Color Contrast Check

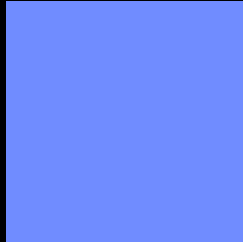
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.552, 290.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

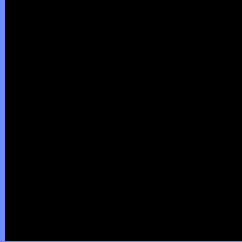
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 64.552, 290.655

Background



This preview shows how black text looks on a background with the CIELCh color 61, 64.552, 290.655.

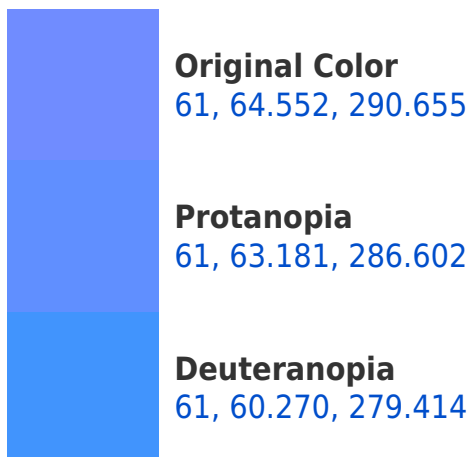


This preview shows how white text looks on a background with the CIELCh color 61, 64.552, 290.655.

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, 24.711, 214.880

Trichromacy



Original Color
61, 64.552, 290.655

Protanomaly
61, 63.604, 288.046

Deuteranomaly
61, 61.914, 283.333

Tritanomaly
60, 32.099, 260.909

Monochromacy



Original Color
61, 64.552, 290.655

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 23.896, 284.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 64.552, 290.655 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(112, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 140, 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(112, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 140, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 64.552, 290.655 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(112, 140, 255) }
```

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

```
.border{ border-color:rgb(112, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 140,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 64.552, 290.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 140, 255) }
```

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

```
.background{ background-color: rgb(112,  
140, 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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