

Converting Colors

CIELCh(61, 65.399, 289.037)

Have a look what the booklet for
CIELCh(61, 65.399, 289.037)
contains.

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Color

CIELCh(61, 64.162, 288.615)

Conversions

Conversions Part 1

Format	Color
Hex	678DFF
RGB	103, 141, 255
RGB Percent	40%, 55%, 100%
CMY	0.5950, 0.4462, 0.0000
CMYK	0.60, 0.45, 0.00, 0.00
HSL	225°, 100%, 70%
HSV	225°, 60%, 100%
XYZ	33.2700, 29.2481, 98.7060
YIQ	142.6340, -59.2420, 27.3980

Conversions

Conversions Part 2

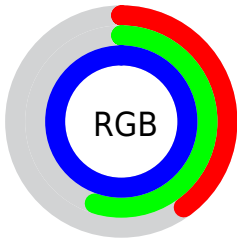
Format	Color
RYB	103, 133, 255
Decimal	6786559
CIELab	61.00, 20.48, -60.81
CIElCh	61, 64.162, 288.615
Yxy	29.2481, 0.2064, 0.1814
Android (android.graphics.Color)	4284976639 (0xFF678DFF)
YUV	142.6340, 55.3964, -34.7590
Hunter-Lab	54.0815, 15.1674, -70.3551

Details

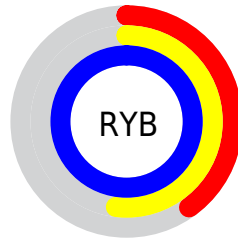
The CIELCh color **61, 64.162, 288.615** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **88, 59.770, 89.601**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 33.465, 277.747**, and **41, 63.593, 288.295** is the 20% darker color. If you saturate the color by 10%, you get **55, 75.974, 291.571**, and if you desaturate by 10%, it is **67, 52.462, 285.911**.

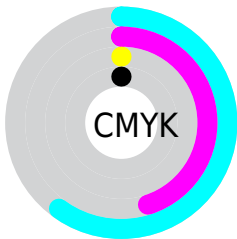
Distribution



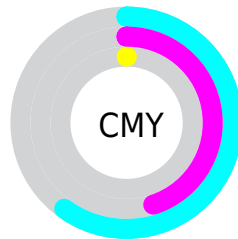
- Red (40%)
- Green (55%)
- Blue (100%)



- Red (40%)
- Yellow (52%)
- Blue (100%)



- Cyan (60%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 64.162, 288.615 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, 64.162, 288.615 by changing the saturation by 10% instead.


 61, 64.162,
288.615


 61, 64.162,
288.615


 100, 64.162,
288.615


 51, 64.162,
288.615


 81, 64.162,
288.615

 41, 64.162,
288.615

 91, 64.162,
288.615

 31, 64.162,
288.615

 21, 64.162,
288.615

 11, 64.162,
288.615

 1, 64.162, 288.615

 0, 64.162, 288.615

■ 61, 64.162,
288.615

■ 61, 64.162,
288.615

■ 55, 75.974,
291.571

■ 67, 52.462,
285.911

■ 49, 88.202,
294.790

■ 74, 41.265,
283.587

■ 44, 100.383,
298.050

■ 80, 30.402,
281.592

■ 40, 111.832,
301.058

■ 87, 19.839,
279.888

■ 39, 112.372,
301.191

■ 94, 9.550, 278.441

100, 0.012,
296.813

Harmonies

Complementary

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



61, 64.162, 288.615



88, 59.770, 89.601

Rectangle

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



61, 64.162, 288.615



61, 64.162, 338.615



61, 64.162, 108.615



61, 64.162, 158.615

Sweetspot

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



61, 64.030, 288.580



88, 18.279, 279.655



91, 50.277, 171.592



45, 12.748, 280.112



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, 64.030, 288.580



54, 77.795, 292.043



54, 86.539, 304.840



50, 5.715, 278.442



29, 89.039, 300.676



7, 35.651, 295.884

Inverse Universe

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



64, 61.556, 8.892



59, 72.095, 12.570



95, 74.248, 115.678



50, 5.536, 0.366



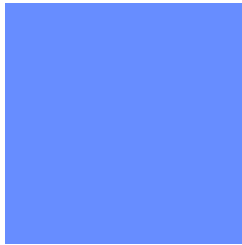
40, 72.622, 25.617



10, 31.700, 15.986

Previews

White Background



This preview shows how the CIELCh color 61, 64.162, 288.615 looks on a white background.

Color Contrast Check

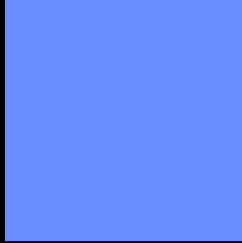
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.162, 288.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

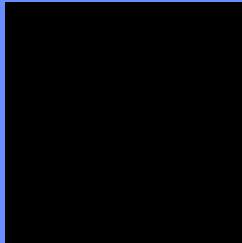
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 64.162, 288.615

Background



This preview shows how black text looks on a background with the CIELCh color 61, 64.162, 288.615.



This preview shows how white text looks on a background with the CIELCh color 61, 64.162, 288.615.

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, 64.162, 288.615

Protanopia

61, 63.181, 286.602

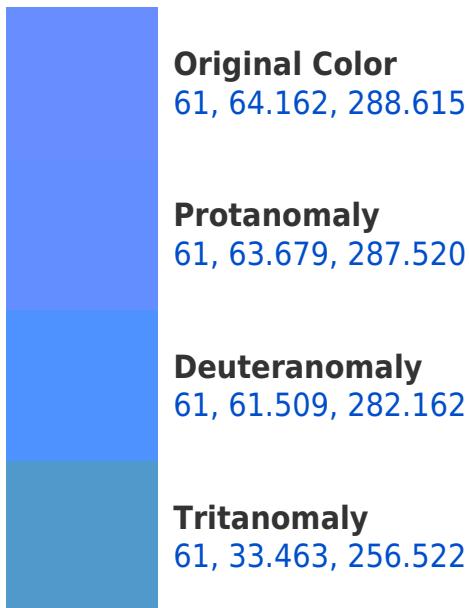
Deuteranopia

61, 60.356, 279.065

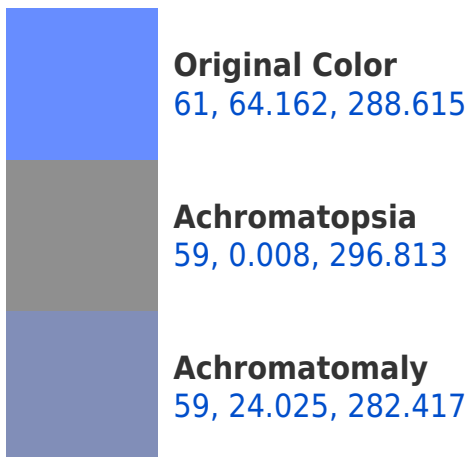


Tritanopia
61, 27.706, 212.702

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 64.162, 288.615 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(103, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 141, 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(103, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 141, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 64.162, 288.615 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(103, 141, 255) }
```

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

```
.border{ border-color:rgb(103, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 141,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 64.162, 288.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 141, 255) }
```

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

```
.background{ background-color: rgb(103,  
141, 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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