

Converting Colors

CIELCh(61, 66.017, 293.999)

Have a look what the booklet for
CIELCh(61, 66.017, 293.999)
contains.

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Color

CIELCh(61, 65.616, 293.782)

Conversions

Conversions Part 1

Format	Color
Hex	7B89FE
RGB	123, 137, 254
RGB Percent	48%, 54%, 100%
CMY	0.5177, 0.4628, 0.0040
CMYK	0.52, 0.46, 0.00, 0.00
HSL	234°, 98%, 74%
HSV	234°, 52%, 100%
XYZ	34.9925, 29.2481, 97.5463
YIQ	146.1520, -45.9010, 33.4190

Conversions

Conversions Part 2

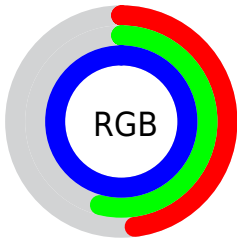
Format	Color
RYB	123, 136, 254
Decimal	8096254
CIELab	61.00, 26.46, -60.04
CIElCh	61, 65.616, 293.782
Yxy	29.2481, 0.2163, 0.1808
Android (android.graphics.Color)	4286286334 (0xFF7B89FE)
YUV	146.1520, 53.1691, -20.3043
Hunter-Lab	54.0815, 20.8526, -69.0837

Details

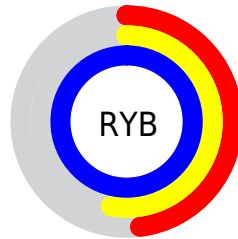
The CIELCh color **61, 65.616, 293.782** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94, 58.435, 99.871**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 34.818, 289.132**, and **41, 65.576, 293.684** is the 20% darker color. If you saturate the color by 10%, you get **54, 79.857, 296.212**, and if you desaturate by 10%, it is **68, 51.851, 291.625**.

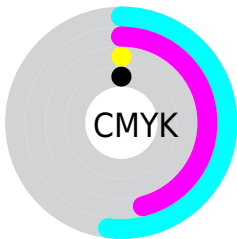
Distribution



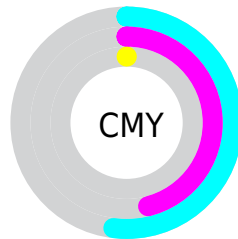
- Red (48%)
- Green (54%)
- Blue (100%)



- 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, 65.616, 293.782 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, 65.616, 293.782 by changing the saturation by 10% instead.


 61, 65.616,
293.782


 61, 65.616,
293.782


 100, 65.616,
293.782


 51, 65.616,
293.782


 81, 65.616,
293.782

 41, 65.616,
293.782


 91, 65.616,
293.782

 31, 65.616,
293.782

 21, 65.616,
293.782

 11, 65.616,
293.782

 1, 65.616, 293.782

 0, 65.616, 293.782

61, 65.616,
293.782

61, 65.616,
293.782

54, 79.857,
296.212

68, 51.851,
291.625

47, 94.318,
298.823

76, 38.618,
289.756

41, 108.307,
301.422

83, 25.897,
288.159

37, 120.467,
303.712

91, 13.649,
286.803

34, 127.999,
305.139

98, 1.838, 285.707

100, 0.508,
109.988

Harmonies

Complementary

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



61, 65.616, 293.782



94, 58.435, 99.871

Rectangle

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



61, 65.616, 293.782



61, 65.616, 343.782



61, 65.616, 113.782



61, 65.616, 163.782

Sweetspot

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



61, 65.615, 293.783



89, 17.847, 287.242



92, 39.977, 185.424



46, 12.222, 287.526



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, 65.615, 293.783



54, 80.730, 296.323



62, 74.408, 308.217



49, 6.701, 286.550



25, 102.429, 304.869



5, 40.729, 299.818

Inverse Universe

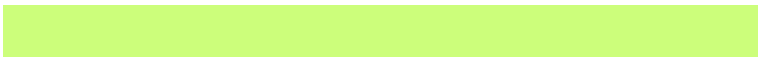
The Inverse Universe completely reimagines the original color for something new.



67, 53.640, 17.776



63, 65.428, 20.620



94, 67.249, 122.298



50, 5.296, 11.334



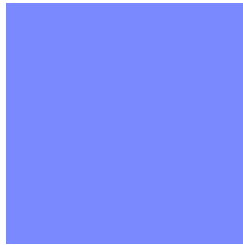
40, 79.647, 35.599



10, 32.555, 22.830

Previews

White Background



This preview shows how the CIE LCh color 61, 65.616, 293.782 looks on a white background.

Color Contrast Check

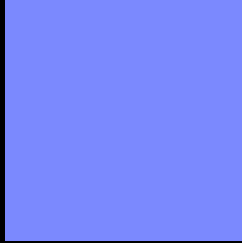
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.616, 293.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

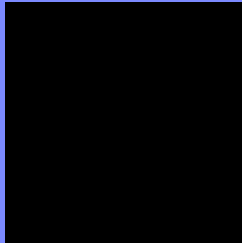
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 65.616, 293.782

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.616, 293.782.

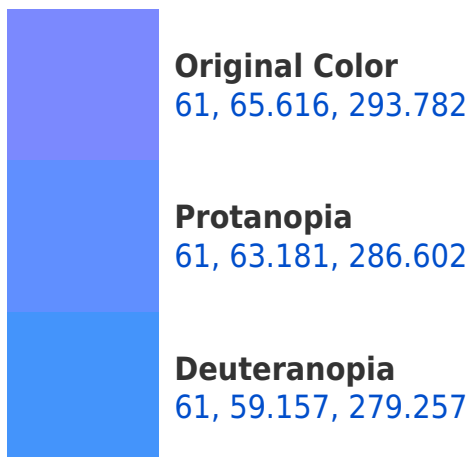


This preview shows how white text looks on a background with the CIELCh color 61, 65.616, 293.782.

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, 20.773, 218.643

Trichromacy



Original Color
61, 65.616, 293.782

Protanomaly
61, 64.092, 289.157

Deuteranomaly
61, 61.243, 284.294

Tritanomaly
60, 30.967, 268.129

Monochromacy



Original Color
61, 65.616, 293.782

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 23.731, 288.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.616, 293.782 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(123, 137, 254)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 137, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 137, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.616, 293.782 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(123, 137, 254) }
```

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

```
.border{ border-color:rgb(123, 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(123, 137, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 137, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 137, 254);  
box-shadow:4px 4px 4px 4px rgb(123, 137,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.616, 293.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 137, 254) }
```

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

```
.background{ background-color: rgb(123,  
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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