

Converting Colors

CIELCh(61, 56.489, 271.377)

Have a look what the booklet for
CIELCh(61, 56.489, 271.377)
contains.

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Color

CIELCh(61, 56.478, 271.371)

Conversions

Conversions Part 1

Format	Color
Hex	0898F7
RGB	8, 152, 247
RGB Percent	3%, 60%, 97%
CMY	0.9669, 0.4037, 0.0311
CMYK	0.97, 0.38, 0.00, 0.03
HSL	204°, 94%, 50%
HSV	204°, 97%, 97%
XYZ	28.1404, 29.2481, 92.2092
YIQ	119.7740, -116.3190, -0.9830

Conversions

Conversions Part 2

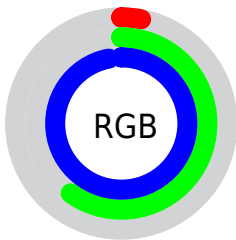
Format	Color
R _Y B	8, 98, 247
Decimal	563447
CIE Lab	61.00, 1.35, -56.46
CIE LCh	61, 56.478, 271.371
Yxy	29.2481, 0.1881, 0.1955
Android (android.graphics.Color)	4278753527 (0xFF0898F7)
YUV	119.7740, 62.7224, -98.0258
Hunter-Lab	54.0815, -1.7633, -63.2326

Details

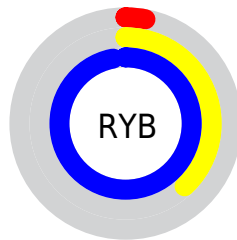
The CIELCh color **61, 56.478, 271.371** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **61, 85.890, 53.081**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 35.642, 245.924**, and **43, 53.824, 280.308** is the 20% darker color. If you saturate the color by 10%, you get **60, 58.151, 273.079**, and if you desaturate by 10%, it is **64, 51.726, 266.333**.

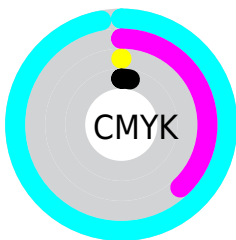
Distribution



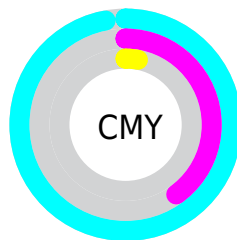
- Red (3%)
- Green (60%)
- Blue (97%)



- Red (3%)
- Yellow (38%)
- Blue (97%)



- Cyan (97%)
- Magenta (38%)
- Yellow (0%)
- Black (3%)





- Cyan (97%)
- Magenta (40%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 56.478, 271.371 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, 56.478, 271.371 by changing the saturation by 10% instead.


 61, 56.478,
271.371


 61, 56.478,
271.371


 100, 56.478,
271.371


 51, 56.478,
271.371


 81, 56.478,
271.371

 41, 56.478,
271.371

 91, 56.478,
271.371

 31, 56.478,
271.371

 21, 56.478,
271.371

 11, 56.478,
271.371

 1, 56.478, 271.371

 0, 56.478, 271.371

61, 56.478,
271.371

61, 56.478,
271.371

60, 58.151,
273.079

64, 51.726,
266.333

67, 46.944,
261.732

71, 41.954,
257.713

74, 36.636,
254.306

78, 30.936,
251.475

82, 24.852,
249.150

86, 18.418,
247.250

90, 11.684,

245.707

■ 94, 4.707, 244.494

Harmonies

Complementary

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



61, 56.478, 271.371



61, 85.890, 53.081

Rectangle

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



61, 56.478, 271.371



61, 56.478, 321.371



61, 56.478, 91.371



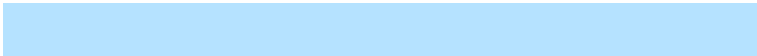
61, 56.478, 141.371

Sweetspot

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



61, 56.477, 271.372



88, 20.519, 247.683



86, 96.025, 144.300



45, 13.962, 248.487



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, 56.477, 271.372



62, 59.643, 273.171



34, 121.701, 304.408



49, 4.016, 244.806



46, 46.356, 272.118



13, 18.601, 264.141

Inverse Universe

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



54, 85.052, 352.311



56, 87.163, 353.417



87, 86.663, 94.870



48, 6.620, 339.228



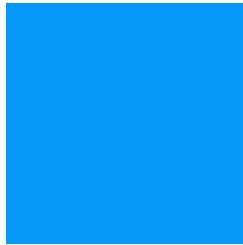
41, 69.037, 352.754



9, 31.522, 348.390

Previews

White Background



This preview shows how the CIE LCh color 61, 56.478, 271.371 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, 56.478, 271.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

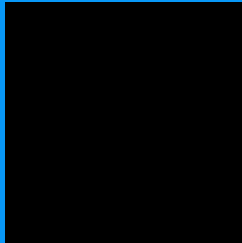
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

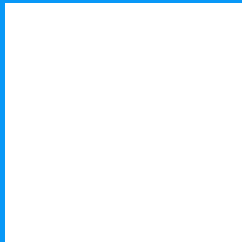
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 56.478, 271.371

Background



This preview shows how black text looks on a background with the CIELCh color 61, 56.478, 271.371.

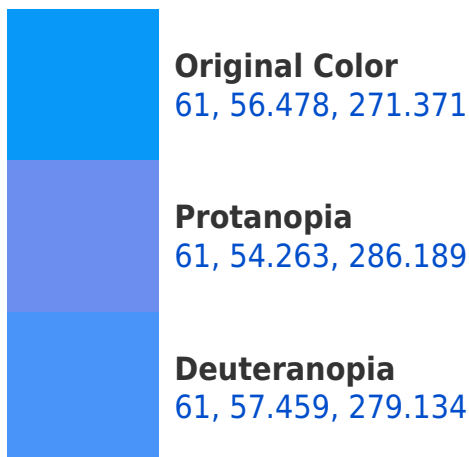


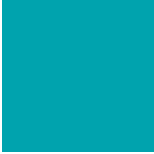
This preview shows how white text looks on a background with the CIELCh color 61, 56.478, 271.371.

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](#).

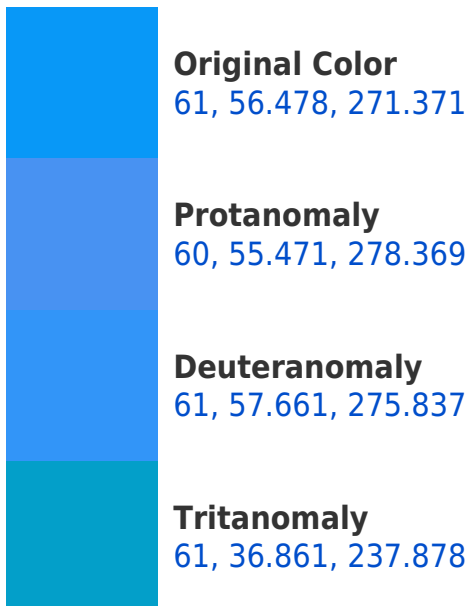
Dichromacy



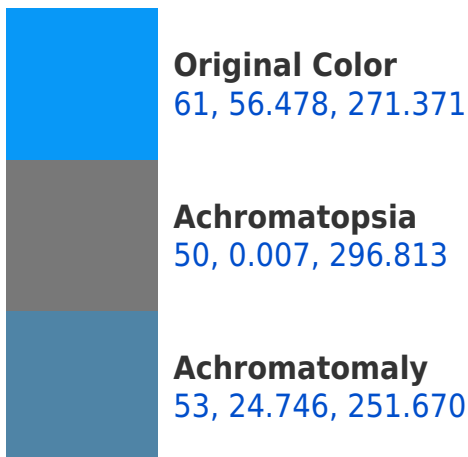


Tritanopia
61, 34.690, 207.034

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 56.478, 271.371 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(8, 152, 247)` looks like.

```
.text, #text, p{  
    color:rgb(8, 152, 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(8, 152, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 152, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 56.478, 271.371 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(8, 152, 247) }
```

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

```
.border{ border-color:rgb(8, 152, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 152, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 152, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 152, 247);  
box-shadow:4px 4px 4px 4px rgb(8, 152,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 56.478, 271.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 152, 247) }
```

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

```
.background{ background-color: rgb(8, 152,  
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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