

Converting Colors

CIELCh(61, 56.900, 271.528)

Have a look what the booklet for
CIELCh(61, 56.900, 271.528)
contains.

| | |
|--|----|
| CIELCh(61, 56.993, 271.612) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(61, 56.993, 271.612)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 0398F8 |
| RGB | 3, 152, 248 |
| RGB Percent | 1%, 60%, 97% |
| CMY | 0.9882, 0.4040, 0.0275 |
| CMYK | 0.99, 0.39, 0.00, 0.03 |
| HSL | 204°, 98%, 49% |
| HSV | 204°, 99%, 97% |
| XYZ | 28.2043, 29.2481, 92.9548 |
| YIQ | 118.3930, -119.6200, -1.7320 |

Conversions

Conversions Part 2

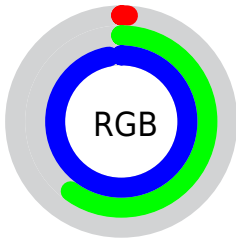
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 3, 96, 248 |
| Decimal | 235768 |
| CIE Lab | 61.00, 1.60, -56.97 |
| CIE LCh | 61, 56.993, 271.612 |
| Yxy | 29.2481, 0.1875, 0.1945 |
| Android (android.graphics.Color) | 4278425848 (0xFF0398F8) |
| YUV | 118.3930, 63.8963, -101.1997 |
| Hunter-Lab | 54.0815, -1.5524, -64.0499 |

Details

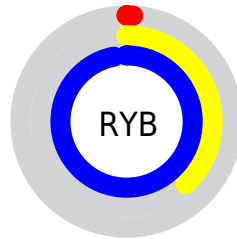
The CIELCh color **61, 56.993, 271.612** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **61, 87.787, 52.147**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 35.642, 245.924**, and **43, 54.364, 280.638** is the 20% darker color. If you saturate the color by 10%, you get **61, 57.577, 272.214**, and if you desaturate by 10%, it is **64, 52.341, 266.524**.

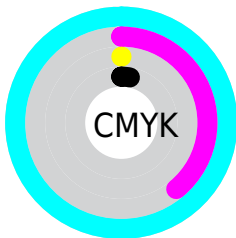
Distribution



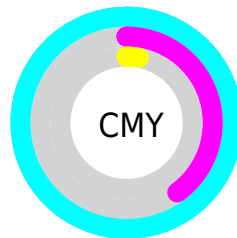
- Red (1%)
- Green (60%)
- Blue (97%)



- Red (1%)
- Yellow (38%)
- Blue (97%)



- Cyan (99%)
- Magenta (39%)
- Yellow (0%)
- Black (3%)





- Cyan (99%)
- Magenta (40%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 56.993, 271.612 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, 56.993, 271.612 by changing the saturation by 10% instead.


 61, 56.993,
271.612


 61, 56.993,
271.612


 100, 56.993,
271.612


 51, 56.993,
271.612


 81, 56.993,
271.612

 41, 56.993,
271.612

 91, 56.993,
271.612

 31, 56.993,
271.612

 21, 56.993,
271.612

 11, 56.993,
271.612

 1, 56.993, 271.612

 0, 56.993, 271.612

■ 61, 56.993,
271.612

■ 61, 56.993,
271.612

■ 61, 57.577,
272.214

■ 64, 52.341,
266.524

■ 67, 47.699,
261.805

■ 71, 42.863,
257.658

■ 74, 37.701,
254.132

■ 78, 32.143,
251.198

■ 82, 26.182,
248.787

■ 86, 19.847,
246.821

■ 90, 13.188,

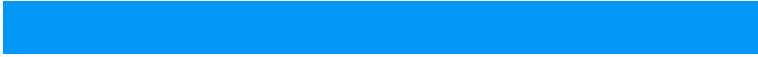
245.224

■ 94, 6.264, 243.951

Harmonies

Complementary

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



61, 56.993, 271.612



61, 87.787, 52.147

Rectangle

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



61, 56.993, 271.612



61, 56.993, 321.612



61, 56.993, 91.612



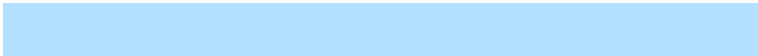
61, 56.993, 141.612

Sweetspot

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



61, 56.992, 271.613



87, 21.104, 247.046



86, 97.564, 143.828



45, 14.274, 247.848



0, 0.000, 0.000



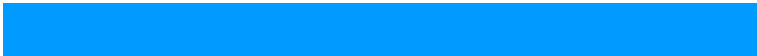
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 56.992, 271.613



62, 58.876, 272.295



34, 123.914, 304.771



50, 4.074, 244.031



47, 46.276, 271.289



14, 19.026, 263.697

Inverse Universe

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



54, 85.575, 352.449



56, 87.406, 352.864



87, 87.218, 94.669



49, 6.763, 338.935



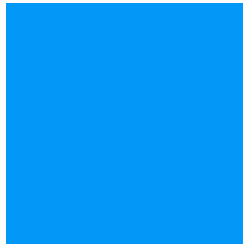
41, 69.927, 352.248



10, 32.453, 348.177

Previews

White Background



This preview shows how the CIE LCh color 61, 56.993, 271.612 looks on a white background.

Color Contrast Check

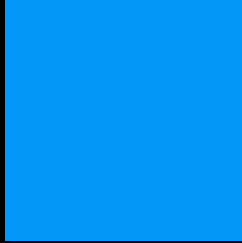
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.993, 271.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

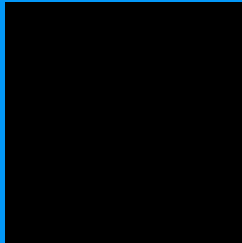
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

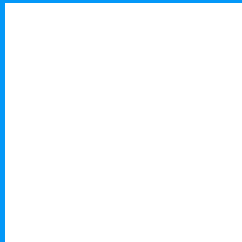
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 56.993, 271.612

Background



This preview shows how black text looks on a background with the CIELCh color 61, 56.993, 271.612.

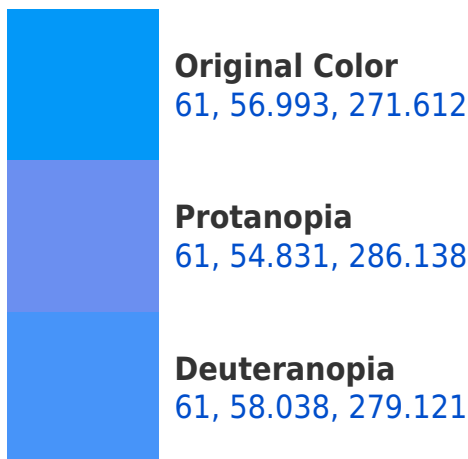


This preview shows how white text looks on a background with the CIELCh color 61, 56.993, 271.612.

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



Original Color
61, 56.993, 271.612

Protanomaly
60, 56.087, 278.215

Deuteranomaly
61, 58.262, 275.782

Tritanomaly
61, 36.911, 237.809

Monochromacy



Original Color
61, 56.993, 271.612

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 25.301, 252.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 56.993, 271.612 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(3, 152, 248)` looks like.

```
.text, #text, p{  
    color:rgb(3, 152, 248)  
}
```

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(3, 152, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 152, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 56.993, 271.612 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(3, 152, 248) }
```

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

```
.border{ border-color:rgb(3, 152, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 152, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 152, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 152, 248);  
box-shadow:4px 4px 4px 4px rgb(3, 152,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 56.993, 271.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 152, 248) }
```

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

```
.background{ background-color: rgb(3, 152,  
248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor