

Converting Colors

CIELCh(62, 57.827, 271.605)

Have a look what the booklet for
CIELCh(62, 57.827, 271.605)
contains.

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Color

CIELCh(62, 57.489, 271.294)

Conversions

Conversions Part 1

Format	Color
Hex	009BFC
RGB	0, 155, 252
RGB Percent	0%, 61%, 99%
CMY	1.0000, 0.3928, 0.0125
CMYK	1.00, 0.39, 0.00, 0.01
HSL	203°, 100%, 49%
HSV	203°, 100%, 99%
XYZ	29.2327, 30.4025, 96.2681
YIQ	119.7130, -123.5170, -2.6930

Conversions

Conversions Part 2

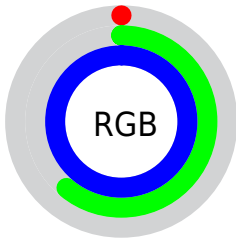
Format	Color
RYB	0, 96, 252
Decimal	39932
CIELab	62.00, 1.30, -57.47
CIELCh	62, 57.489, 271.294
Yxy	30.4025, 0.1875, 0.1950
Android (android.graphics.Color)	4278230012 (0xFF009BFC)
YUV	119.7130, 65.2175, -104.9883
Hunter-Lab	55.1385, -1.8571, -64.9194

Details

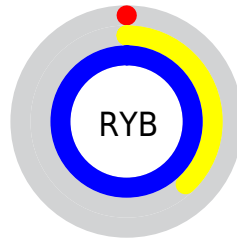
The CIELCh color **62, 57.489, 271.294** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **61, 89.956, 51.438**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 35.157, 242.752**, and **44, 54.786, 280.218** is the 20% darker color. If you saturate the color by 10%, you get **62, 57.488, 271.297**, and if you desaturate by 10%, it is **65, 52.912, 266.186**.

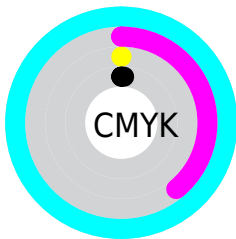
Distribution



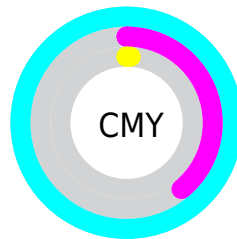
- Red (0%)
- Green (61%)
- Blue (99%)



- Red (0%)
- Yellow (38%)
- Blue (99%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (1%)



- Cyan (100%)
- Magenta (39%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 57.489, 271.294 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 62, 57.489, 271.294 by changing the saturation by 10% instead.

 62, 57.489,
271.294

 62, 57.489,
271.294

 100, 57.489,
271.294


 52, 57.489,
271.294


 82, 57.489,
271.294

 42, 57.489,
271.294

 92, 57.489,
271.294

 32, 57.489,
271.294

 22, 57.489,
271.294

 12, 57.489,
271.294

 2, 57.489, 271.294

 0, 57.489, 271.294

■ 62, 57.489,
271.294

■ 62, 57.489,
271.294

■ 62, 57.488,
271.297

■ 65, 52.912,
266.186

■ 68, 48.367,
261.396

■ 71, 43.626,
257.178

■ 75, 38.546,
253.589

■ 79, 33.052,
250.603

■ 82, 27.130,
248.153

■ 86, 20.809,
246.158

■ 91, 14.141,

244.540

 95, 7.187, 243.248

Harmonies

Complementary

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



62, 57.489, 271.294



61, 89.956, 51.438

Rectangle

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



62, 57.489, 271.294



62, 57.489, 321.294



62, 57.489, 91.294



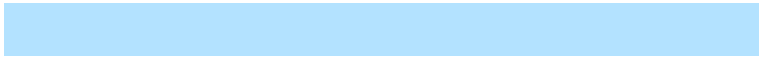
62, 57.489, 141.294

Sweetspot

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



62, 57.488, 271.297



87, 21.022, 246.161



87, 99.438, 143.559



45, 14.213, 246.953



0, 0.000, 0.000



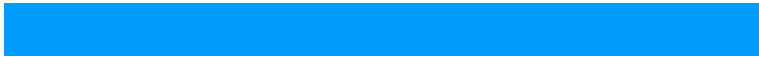
53, 0.007, 296.813

Same Dimension

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



62, 57.488, 271.297



63, 58.068, 271.334



34, 126.370, 304.960



50, 4.063, 243.192



47, 45.656, 270.322



14, 18.822, 262.711

Inverse Universe

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



55, 86.857, 352.253



56, 87.678, 352.275



89, 88.406, 94.552



49, 6.795, 338.621



41, 70.148, 351.675



10, 32.563, 347.711

Previews

White Background



This preview shows how the CIE LCh color 62, 57.489, 271.294 looks on a white background.

Color Contrast Check

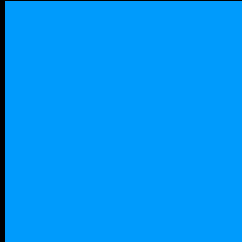
Large Text (above 18pt) WCAG AA × Fail

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 62, 57.489, 271.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

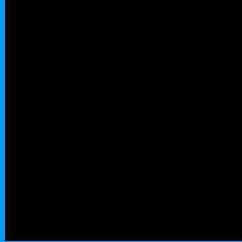
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

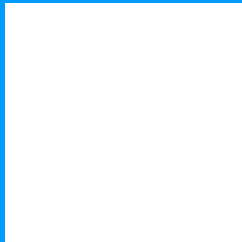
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 57.489, 271.294

Background



This preview shows how black text looks on a background with the CIELCh color 62, 57.489, 271.294.

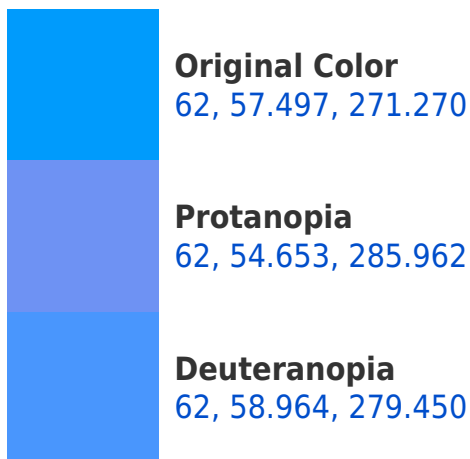


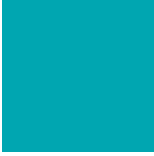
This preview shows how white text looks on a background with the CIELCh color 62, 57.489, 271.294.

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
62, 35.171, 206.852

Trichromacy



Original Color
62, 57.497, 271.270

Protanomaly
61, 56.024, 277.613

Deuteranomaly
62, 58.732, 275.428

Tritanomaly
62, 37.282, 237.147

Monochromacy



Original Color
62, 57.497, 271.270

Achromatopsia
50, 0.007, 296.813

Achromatomaly
53, 25.702, 250.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 57.489, 271.294 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(0, 155, 252)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 252)  
}
```

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(0, 155, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 57.489, 271.294 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(0, 155, 252) }
```

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

```
.border{ border-color:rgb(0, 155, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 252);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 57.489, 271.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 252) }
```

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

```
.background{ background-color: rgb(0, 155,  
252) }
```

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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