

Converting Colors

CIELCh(59, 62.319, 255.368)

Have a look what the booklet for
CIELCh(59, 62.319, 255.368)
contains.

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Color

CIELCh(62, 55.185, 269.159)

Conversions

Conversions Part 1

Format	Color
Hex	009CF8
RGB	0, 156, 248
RGB Percent	0%, 61%, 97%
CMY	1.0000, 0.3896, 0.0289
CMYK	1.00, 0.37, 0.00, 0.03
HSL	202°, 100%, 49%
HSV	202°, 100%, 97%
XYZ	28.6883, 30.4025, 92.8560
YIQ	119.8440, -122.5080, -4.4600

Conversions

Conversions Part 2

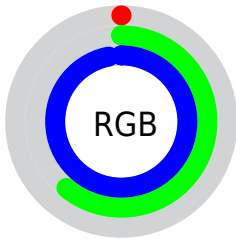
Format	Color
RYB	0, 96, 248
Decimal	40184
CIELab	62.00, -0.81, -55.18
CIELCh	62, 55.185, 269.159
Yxy	30.4025, 0.1888, 0.2001
Android (android.graphics.Color)	4278230264 (0xFF009CF8)
YUV	119.8440, 63.1809, -105.1032
Hunter-Lab	55.1385, -3.6195, -61.2504

Details

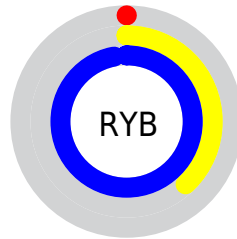
The CIELCh color **62, 55.185, 269.159** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **59, 89.483, 50.630**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 35.162, 241.452**, and **44, 52.643, 278.858** is the 20% darker color. If you saturate the color by 10%, you get **62, 55.164, 269.216**, and if you desaturate by 10%, it is **65, 50.970, 264.085**.

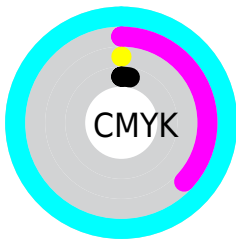
Distribution



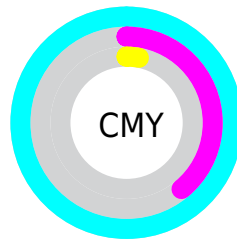
- Red (0%)
- Green (61%)
- Blue (97%)



- Red (0%)
- Yellow (38%)
- Blue (97%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (3%)





- Cyan (100%)
- Magenta (39%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 55.185, 269.159 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, 55.185, 269.159 by changing the saturation by 10% instead.


 62, 55.185,
269.159


 62, 55.185,
269.159


 100, 55.185,
269.159


 52, 55.185,
269.159


 82, 55.185,
269.159

 42, 55.185,
269.159

 92, 55.185,
269.159

 32, 55.185,
269.159

 22, 55.185,
269.159

 12, 55.185,
269.159

 2, 55.185, 269.159

 0, 55.185, 269.159

■ 62, 55.185,
269.159

■ 62, 55.185,
269.159

■ 62, 55.164,
269.216

■ 65, 50.970,
264.085

■ 68, 46.768,
259.307

■ 71, 42.329,
255.127

■ 74, 37.511,
251.589

■ 78, 32.245,
248.660

■ 82, 26.523,
246.268

■ 85, 20.379,
244.328

■ 89, 13.869,

242.763

■ 93, 7.057, 241.521

Harmonies

Complementary

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



62, 55.185, 269.159



59, 89.483, 50.630

Rectangle

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



62, 55.185, 269.159



62, 55.185, 319.159



62, 55.185, 89.159



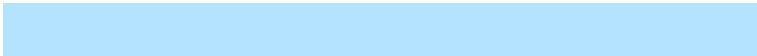
62, 55.185, 139.159

Sweetspot

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



62, 55.164, 269.216



88, 20.868, 244.336



86, 99.504, 142.963



45, 14.099, 245.106



0, 0.000, 0.000



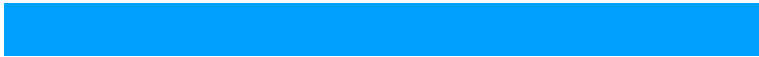
53, 0.007, 296.813

Same Dimension

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



62, 55.164, 269.216



64, 56.470, 269.303



34, 123.287, 304.620



50, 4.045, 241.467



48, 44.432, 268.282



14, 18.422, 260.646

Inverse Universe

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



54, 86.348, 351.041



56, 88.265, 351.090



86, 86.409, 93.228



49, 6.862, 337.989



41, 70.625, 350.523



10, 32.793, 346.775

Previews

White Background



This preview shows how the CIE LCh color 62, 55.185, 269.159 looks on a white background.

Color Contrast Check

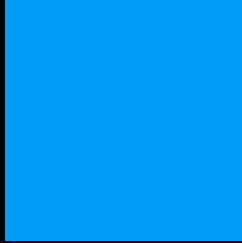
Large Text (above 18pt) WCAG AA × Fail

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, 55.185, 269.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

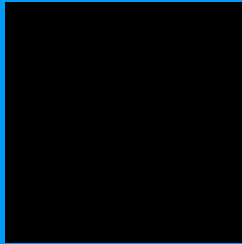
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

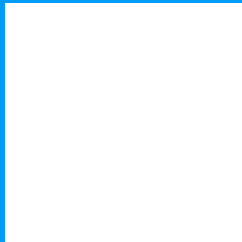
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 55.185, 269.159

Background



This preview shows how black text looks on a background with the CIELCh color 62, 55.185, 269.159.

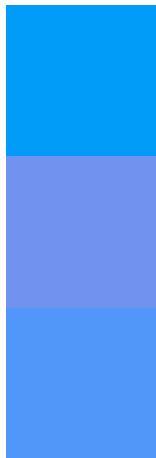


This preview shows how white text looks on a background with the CIELCh color 62, 55.185, 269.159.

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](#).

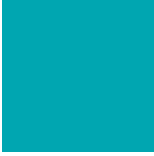
Dichromacy



Original Color
62, 55.185, 269.159

Protanopia
62, 52.411, 285.961

Deuteranopia
62, 56.637, 279.594



Tritanopia
62, 35.171, 206.852

Trichromacy



Original Color
62, 55.185, 269.159



Protanomaly
61, 53.423, 276.134



Deuteranomaly
62, 56.112, 274.378



Tritanomaly
62, 37.062, 236.276

Monochromacy



Original Color
62, 55.185, 269.159



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 24.950, 248.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 55.185, 269.159 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, 156, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 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(0, 156, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 55.185, 269.159 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, 156, 248) }
```

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

```
.border{ border-color:rgb(0, 156, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 55.185, 269.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 248) }
```

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

```
.background{ background-color: rgb(0, 156,  
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](#).

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