

Converting Colors

CIELCh(62, 56.047, 270.079)

Have a look what the booklet for
CIELCh(62, 56.047, 270.079)
contains.

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Color

CIELCh(62, 56.089, 270.176)

Conversions

Conversions Part 1

Format	Color
Hex	039BF9
RGB	3, 155, 249
RGB Percent	1%, 61%, 98%
CMY	0.9891, 0.3912, 0.0224
CMYK	0.99, 0.38, 0.00, 0.02
HSL	203°, 98%, 49%
HSV	203°, 99%, 98%
XYZ	28.9411, 30.4025, 94.1985
YIQ	120.2680, -120.7660, -2.9900

Conversions

Conversions Part 2

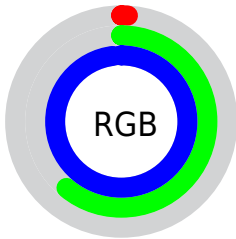
Format	Color
R_{YB}	3, 97, 249
Decimal	236537
CIE Lab	62.00, 0.17, -56.09
CIE LCh	62, 56.089, 270.176
Yxy	30.4025, 0.1885, 0.1980
Android (android.graphics.Color)	4278426617 (0xFF039BF9)
YUV	120.2680, 63.4649, -102.8440
Hunter-Lab	55.1385, -2.8011, -62.6940

Details

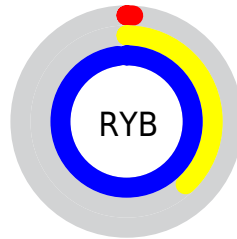
The CIELCh color **62, 56.089, 270.176** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **61, 88.716, 51.452**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 35.157, 242.752**, and **44, 53.177, 279.208** is the 20% darker color. If you saturate the color by 10%, you get **62, 56.601, 270.735**, and if you desaturate by 10%, it is **65, 51.658, 265.061**.

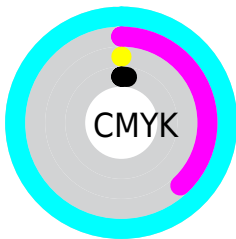
Distribution



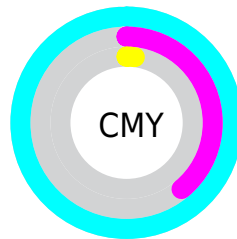
- Red (1%)
- Green (61%)
- Blue (98%)



- Red (1%)
- Yellow (38%)
- Blue (98%)



- Cyan (99%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)





- Cyan (99%)
- Magenta (39%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 56.089, 270.176 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, 56.089, 270.176 by changing the saturation by 10% instead.


 62, 56.089,
270.176


 62, 56.089,
270.176


 100, 56.089,
270.176


 52, 56.089,
270.176


 82, 56.089,
270.176

 42, 56.089,
270.176

 92, 56.089,
270.176

 32, 56.089,
270.176

 22, 56.089,
270.176

 12, 56.089,
270.176

 2, 56.089, 270.176

 0, 56.089, 270.176

■ 62, 56.089,
270.176

■ 62, 56.089,
270.176

■ 62, 56.601,
270.735

■ 65, 51.658,
265.061

■ 68, 47.212,
260.334

■ 71, 42.541,
256.197

■ 75, 37.509,
252.693

■ 78, 32.053,
249.787

■ 82, 26.164,
247.408

■ 86, 19.878,
245.474

■ 90, 13.247,

243.909

■ 94, 6.335, 242.667

Harmonies

Complementary

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



62, 56.089, 270.176



61, 88.716, 51.452

Rectangle

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



62, 56.089, 270.176



62, 56.089, 320.176



62, 56.089, 90.176



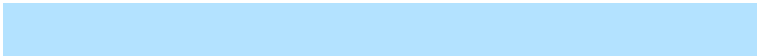
62, 56.089, 140.176

Sweetspot

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



62, 56.088, 270.177



88, 20.979, 245.676



86, 99.393, 143.181



45, 14.181, 246.463



0, 0.000, 0.000



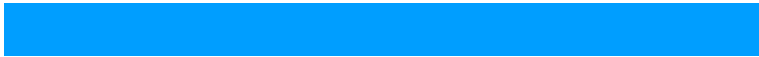
53, 0.007, 296.813

Same Dimension

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



62, 56.088, 270.177



63, 57.635, 270.801



34, 123.009, 304.446



50, 4.058, 242.733



47, 45.324, 269.787



14, 18.713, 262.167

Inverse Universe

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



55, 86.335, 351.594



56, 87.830, 351.957



87, 86.687, 93.339



49, 6.813, 338.451



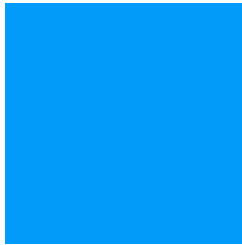
41, 70.272, 351.365



10, 32.623, 347.460

Previews

White Background



This preview shows how the CIE LCh color 62, 56.089, 270.176 looks on a white background.

Color Contrast Check

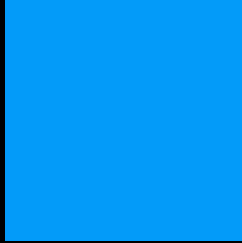
Large Text (above 18pt) WCAG AA × Fail

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, 56.089, 270.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

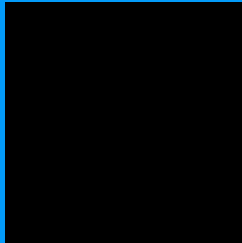
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

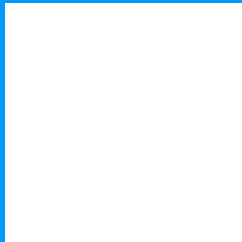
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 56.089, 270.176

Background



This preview shows how black text looks on a background with the CIELCh color 62, 56.089, 270.176.



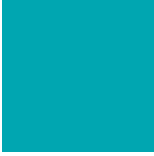
This preview shows how white text looks on a background with the CIELCh color 62, 56.089, 270.176.

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, 56.071, 270.226



Protanomaly
61, 54.432, 277.013



Deuteranomaly
62, 57.122, 274.932



Tritanomaly
62, 37.037, 236.309

Monochromacy



Original Color
62, 56.071, 270.226



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 25.176, 250.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 56.089, 270.176 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, 155, 249)` looks like.

```
.text, #text, p{  
    color:rgb(3, 155, 249)  
}
```

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, 155, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 155, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 56.089, 270.176 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, 155, 249) }
```

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

```
.border{ border-color:rgb(3, 155, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 155, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 155, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 155, 249);  
box-shadow:4px 4px 4px 4px rgb(3, 155,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 56.089, 270.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 155, 249) }
```

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

```
.background{ background-color: rgb(3, 155,  
249) }
```

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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