

Converting Colors

CIELCh(55, 100.782, 272.399)

Have a look what the booklet for
CIELCh(55, 100.782, 272.399)
contains.

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Color

CIELCh(59, 64.971, 278.463)

Conversions

Conversions Part 1

Format	Color
Hex	038FFF
RGB	3, 143, 255
RGB Percent	1%, 56%, 100%
CMY	0.9889, 0.4377, 0.0000
CMYK	0.99, 0.44, 0.00, 0.00
HSL	207°, 100%, 51%
HSV	207°, 99%, 100%
XYZ	28.0366, 27.0277, 98.7212
YIQ	113.9080, -119.3920, 5.1520

Conversions

Conversions Part 2

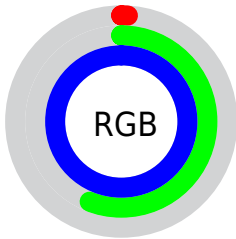
Format	Color
R _Y B	3, 93, 255
Decimal	233471
CIE Lab	59.00, 9.56, -64.26
CIE LCh	59, 64.971, 278.463
Yxy	27.0277, 0.1823, 0.1757
Android (android.graphics.Color)	4278423551 (0xFF038FFF)
YUV	113.9080, 69.5584, -97.2663
Hunter-Lab	51.9882, 5.2836, -76.1949

Details

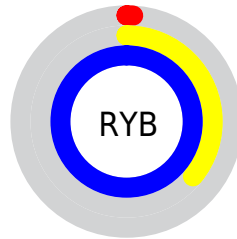
The CIELCh color **59, 64.971, 278.463** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **64, 87.378, 55.594**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 37.754, 256.417**, and **41, 62.512, 286.442** is the 20% darker color. If you saturate the color by 10%, you get **59, 65.434, 278.868**, and if you desaturate by 10%, it is **62, 58.761, 273.434**.

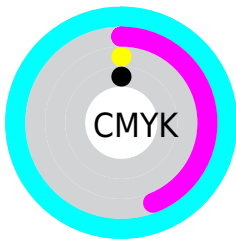
Distribution



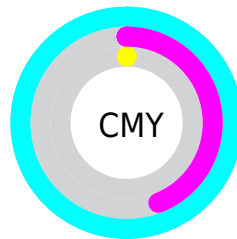
- Red (1%)
- Green (56%)
- Blue (100%)



- Red (1%)
- Yellow (36%)
- Blue (100%)



- Cyan (99%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (99%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 64.971, 278.463 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 59, 64.971, 278.463 by changing the saturation by 10% instead.

 59, 64.971,
278.463

 59, 64.971,
278.463

 100, 64.971,
278.463

 49, 64.971,
278.463

 79, 64.971,
278.463

 39, 64.971,
278.463

 89, 64.971,
278.463

 29, 64.971,
278.463

 99, 64.971,
278.463

 19, 64.971,
278.463

 9, 64.971, 278.463

 0, 64.971, 278.463

■ 59, 64.971,
278.463

■ 59, 64.971,
278.463

■ 59, 65.434,
278.868

■ 62, 58.761,
273.434

■ 66, 52.908,
268.778

■ 70, 47.013,
264.603

■ 74, 40.940,
260.989

■ 78, 34.609,
257.931

■ 82, 27.993,
255.382

■ 87, 21.102,
253.272

■ 91, 13.972,

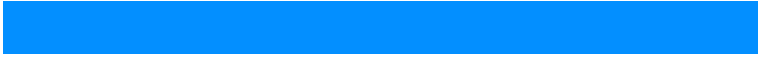
251.532

■ 96, 6.646, 250.118

Harmonies

Complementary

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



59, 64.971, 278.463



64, 87.378, 55.594

Rectangle

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



59, 64.971, 278.463



59, 64.971, 328.463



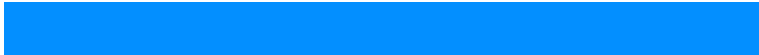
59, 64.971, 98.463



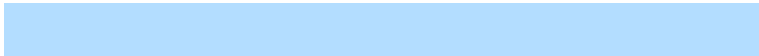
59, 64.971, 148.463

Sweetspot

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



59, 64.747, 278.343



86, 21.881, 253.487



88, 95.440, 145.799



44, 14.839, 254.346



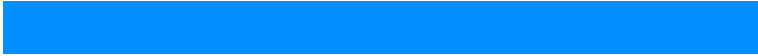
0, 0.000, 0.000



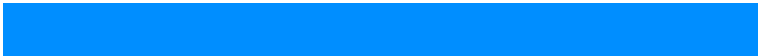
53, 0.007, 296.813

Same Dimension

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



59, 64.747, 278.343



59, 65.434, 278.868



33, 130.394, 305.605



51, 4.248, 250.195



45, 51.878, 277.960



13, 21.413, 270.990

Inverse Universe

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



55, 85.664, 357.061



55, 85.717, 357.463



93, 92.107, 98.391



50, 6.637, 341.401



41, 69.210, 356.761



11, 32.525, 352.069

Previews

White Background



This preview shows how the CIE LCh color 59, 64.971, 278.463 looks on a white background.

Color Contrast Check

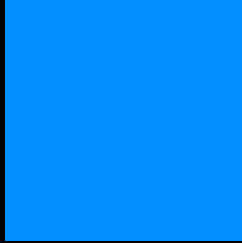
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 59, 64.971, 278.463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

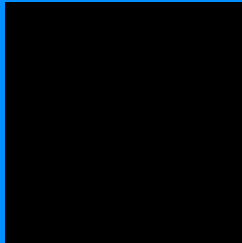
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

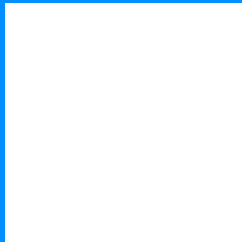
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 64.971, 278.463

Background



This preview shows how black text looks on a background with the CIELCh color 59, 64.971, 278.463.

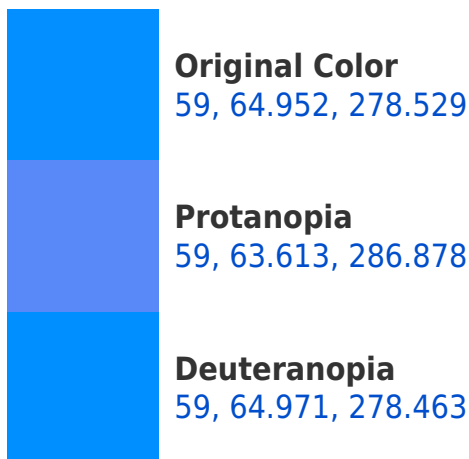



This preview shows how white text looks on a background with the CIELCh color 59, 64.971, 278.463.

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
59, 33.784, 206.389

Trichromacy



Original Color
59, 64.952, 278.529

Protanomaly
58, 64.314, 282.356

Deuteranomaly
59, 64.965, 278.485

Tritanomaly
59, 37.442, 243.645

Monochromacy



Original Color
59, 64.952, 278.529

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 27.081, 258.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 64.971, 278.463 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, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(3, 143, 255)  
}
```

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, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 143, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 64.971, 278.463 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, 143, 255) }
```

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

```
.border{ border-color:rgb(3, 143, 255) }
```

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

Here you see how a box with a 4 pixel rgb(3, 143, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(3, 143,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 64.971, 278.463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 143, 255) }
```

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

```
.background{ background-color: rgb(3, 143,  
255) }
```

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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