

Converting Colors

CIELCh(59, 65.623, 279.031)

Have a look what the booklet for
CIELCh(59, 65.623, 279.031)
contains.

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Color

CIELCh(59, 64.915, 278.662)

Conversions

Conversions Part 1

Format	Color
Hex	0B8FFF
RGB	11, 143, 255
RGB Percent	4%, 56%, 100%
CMY	0.9575, 0.4382, 0.0000
CMYK	0.96, 0.44, 0.00, 0.00
HSL	207°, 100%, 52%
HSV	207°, 96%, 100%
XYZ	28.0909, 27.0277, 98.5851
YIQ	116.3000, -114.6240, 6.8480

Conversions

Conversions Part 2

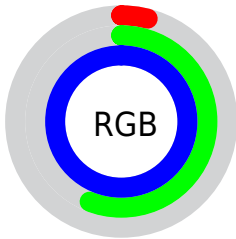
Format	Color
R _Y B	11, 97, 255
Decimal	757759
CIE Lab	59.00, 9.78, -64.17
CIE LCh	59, 64.915, 278.662
Yxy	27.0277, 0.1828, 0.1758
Android (android.graphics.Color)	4278947839 (0xFF0B8FFF)
YUV	116.3000, 68.3791, -92.3481
Hunter-Lab	51.9882, 5.4700, -76.0398

Details

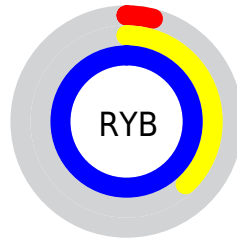
The CIELCh color **59, 64.915, 278.662** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **66, 85.047, 57.614**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 37.643, 256.688**, and **41, 62.512, 286.442** is the 20% darker color. If you saturate the color by 10%, you get **58, 67.526, 280.610**, and if you desaturate by 10%, it is **63, 58.490, 273.770**.

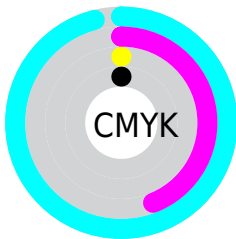
Distribution



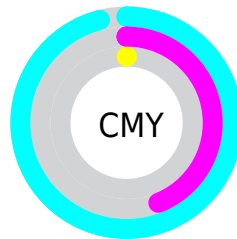
- Red (4%)
- Green (56%)
- Blue (100%)



- Red (4%)
- Yellow (38%)
- Blue (100%)



- Cyan (96%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 64.915, 278.662 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, 64.915, 278.662 by changing the saturation by 10% instead.

 59, 64.915,
278.662

 59, 64.915,
278.662

 100, 64.915,
278.662

 49, 64.915,
278.662

 79, 64.915,
278.662


 39, 64.915,
278.662


 89, 64.915,
278.662

 29, 64.915,
278.662

 99, 64.915,
278.662

 19, 64.915,
278.662

 9, 64.915, 278.662

 0, 64.915, 278.662

■ 59, 64.915,
278.662

■ 59, 64.915,
278.662

■ 58, 67.526,
280.610

■ 63, 58.490,
273.770

■ 66, 52.315,
269.286

■ 70, 46.092,
265.295

■ 75, 39.704,
261.853

■ 79, 33.084,
258.945

■ 83, 26.216,
256.518

■ 88, 19.113,
254.504

■ 93, 11.811,

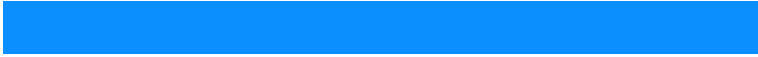
252.840

■ 97, 4.350, 251.510

Harmonies

Complementary

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



59, 64.915, 278.662



66, 85.047, 57.614

Rectangle

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



59, 64.915, 278.662



59, 64.915, 328.662



59, 64.915, 98.662



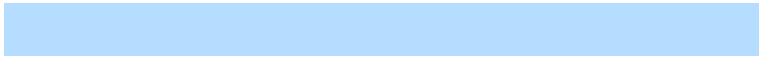
59, 64.915, 148.662

Sweetspot

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



59, 64.770, 278.586



86, 21.449, 255.118



88, 92.208, 147.239



44, 14.641, 255.982



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, 64.770, 278.586



58, 67.526, 280.610



34, 129.429, 305.491



51, 4.289, 251.964



44, 53.510, 279.719



13, 21.994, 272.848

Inverse Universe

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



56, 85.118, 357.270



55, 85.343, 358.880



94, 92.728, 99.699



50, 6.568, 342.169



41, 68.889, 358.143



11, 32.331, 353.212

Previews

White Background



This preview shows how the CIE LCh color 59, 64.915, 278.662 looks on a white background.

Color Contrast Check

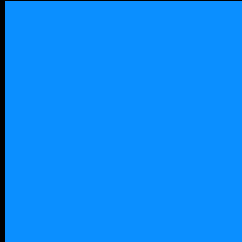
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.915, 278.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

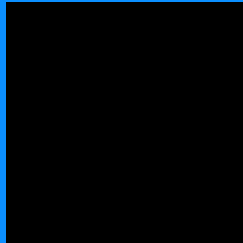
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

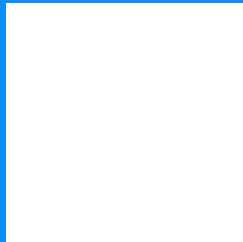
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 64.915, 278.662

Background



This preview shows how black text looks on a background with the CIELCh color 59, 64.915, 278.662.



This preview shows how white text looks on a background with the CIELCh color 59, 64.915, 278.662.

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

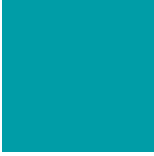
59, 64.902, 278.706

Protanopia

59, 63.613, 286.878

Deuteranopia

59, 64.468, 278.186



Tritanopia
59, 33.784, 206.389

Trichromacy



Original Color
59, 64.902, 278.706

Protanomaly
58, 64.244, 282.669

Deuteranomaly
59, 64.442, 278.276

Tritanomaly
59, 37.371, 243.761

Monochromacy



Original Color
59, 64.902, 278.706

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 27.166, 261.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 64.915, 278.662 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(11, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(11, 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(11, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 143, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 64.915, 278.662 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(11, 143, 255) }
```

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

```
.border{ border-color:rgb(11, 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(11, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(11, 143,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 64.915, 278.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 143, 255) }
```

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

```
.background{ background-color: rgb(11, 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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