

Converting Colors

CIELCh(59, 57.985, 276.642)

Have a look what the booklet for
CIELCh(59, 57.985, 276.642)
contains.

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Color

CIELCh(59, 57.816, 276.603)

Conversions

Conversions Part 1

Format	Color
Hex	2E90F3
RGB	46, 144, 243
RGB Percent	18%, 56%, 95%
CMY	0.8190, 0.4350, 0.0467
CMYK	0.81, 0.41, 0.00, 0.05
HSL	210°, 89%, 57%
HSV	210°, 81%, 95%
XYZ	27.3068, 27.0277, 88.6343
YIQ	125.9840, -90.1870, 10.0130

Conversions

Conversions Part 2

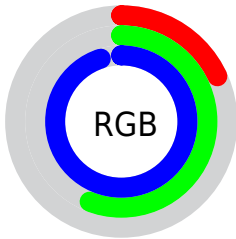
Format	Color
R _Y B	46, 111, 243
Decimal	3051763
CIE Lab	59.00, 6.65, -57.43
CIE LCh	59, 57.816, 276.603
Yxy	27.0277, 0.1910, 0.1890
Android (android.graphics.Color)	4281241843 (0xFF2E90F3)
YUV	125.9840, 57.6889, -70.1460
Hunter-Lab	51.9882, 2.7776, -64.6913

Details

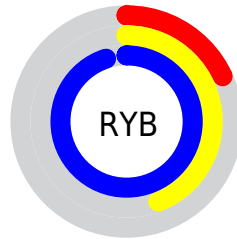
The CIELCh color **59, 57.816, 276.603** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **69, 70.739, 64.830**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 36.442, 258.042**, and **40, 56.392, 283.560** is the 20% darker color. If you saturate the color by 10%, you get **55, 64.788, 281.090**, and if you desaturate by 10%, it is **63, 50.966, 272.467**.

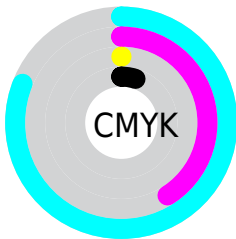
Distribution



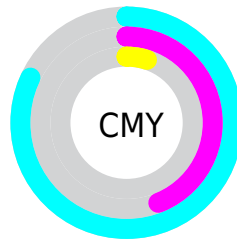
- Red (18%)
- Green (56%)
- Blue (95%)



- Red (18%)
- Yellow (44%)
- Blue (95%)



- Cyan (81%)
- Magenta (41%)
- Yellow (0%)
- Black (5%)



- Cyan (82%)
- Magenta (44%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 57.816, 276.603 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, 57.816, 276.603 by changing the saturation by 10% instead.

 59, 57.816,
276.603


 59, 57.816,
276.603

 100, 57.816,
276.603

 49, 57.816,
276.603

 79, 57.816,
276.603


 39, 57.816,
276.603


 89, 57.816,
276.603

 29, 57.816,
276.603

 99, 57.816,
276.603

 19, 57.816,
276.603

 9, 57.816, 276.603

 0, 57.816, 276.603

■ 59, 57.816,
276.603

■ 59, 57.816,
276.603

■ 55, 64.788,
281.090

■ 63, 50.966,
272.467

■ 52, 71.260,
285.176

■ 67, 44.126,
268.800

■ 72, 37.207,
265.635

■ 76, 30.163,
262.951

■ 81, 22.979,
260.695

■ 86, 15.668,
258.807

■ 91, 8.254, 257.238

■ 95, 0.766, 256.396

Harmonies

Complementary

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



59, 57.816, 276.603



69, 70.739, 64.830

Rectangle

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



59, 57.816, 276.603



59, 57.816, 326.603



59, 57.816, 96.603



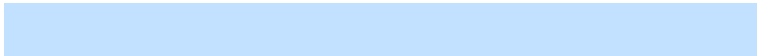
59, 57.816, 146.603

Sweetspot

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



59, 57.815, 276.604



88, 18.574, 259.348



85, 76.058, 152.935



45, 12.731, 260.020



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, 57.815, 276.604



55, 71.805, 283.967



36, 114.715, 304.187



49, 4.289, 257.028



40, 57.362, 284.371



11, 22.279, 277.103

Inverse Universe

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



55, 77.491, 355.967



55, 84.293, 1.930



93, 87.236, 103.313



48, 6.161, 344.558



40, 66.868, 2.291



9, 30.231, 356.119

Previews

White Background



This preview shows how the CIE LCh color 59, 57.816, 276.603 looks on a white background.

Color Contrast Check

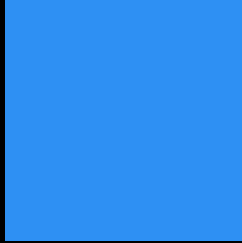
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 57.816, 276.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

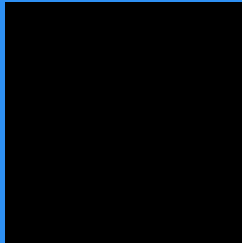
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

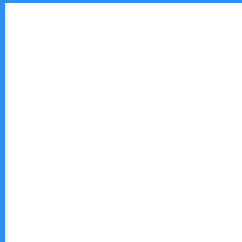
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 57.816, 276.603

Background



This preview shows how black text looks on a background with the CIELCh color 59, 57.816, 276.603.



This preview shows how white text looks on a background with the CIELCh color 59, 57.816, 276.603.

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, 57.816, 276.603

Protanopia
59, 56.305, 286.155

Deuteranopia
59, 57.921, 278.737



Tritanopia
59, 33.726, 207.418

Trichromacy



Original Color
59, 57.816, 276.603

Protanomaly
59, 56.852, 281.985

Deuteranomaly
59, 58.067, 278.150

Tritanomaly
59, 35.927, 240.902

Monochromacy



Original Color
59, 57.816, 276.603

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 23.233, 262.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 57.816, 276.603 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(46, 144, 243)` looks like.

```
.text, #text, p{  
    color:rgb(46, 144, 243)  
}
```

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(46, 144, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 144, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 57.816, 276.603 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(46, 144, 243) }
```

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

```
.border{ border-color:rgb(46, 144, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 144, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 144, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 144, 243);  
box-shadow:4px 4px 4px 4px rgb(46, 144,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 57.816, 276.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 144, 243) }
```

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

```
.background{ background-color: rgb(46, 144,  
243) }
```

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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