

Converting Colors

CIELCh(61, 58.701, 274.934)

Have a look what the booklet for
CIELCh(61, 58.701, 274.934)
contains.

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Color

CIELCh(61, 58.953, 275.176)

Conversions

Conversions Part 1

Format	Color
Hex	2596FB
RGB	37, 150, 251
RGB Percent	15%, 59%, 98%
CMY	0.8530, 0.4111, 0.0149
CMYK	0.85, 0.40, 0.00, 0.01
HSL	208°, 97%, 57%
HSV	208°, 85%, 99%
XYZ	29.1574, 29.2481, 95.5390
YIQ	127.7270, -99.7690, 7.4550

Conversions

Conversions Part 2

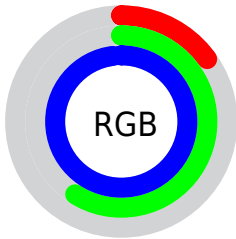
Format	Color
R_{YB}	37, 111, 251
Decimal	2463483
CIE _{Lab}	61.00, 5.32, -58.71
CIE _{LCh}	61, 58.953, 275.176
Yxy	29.2481, 0.1894, 0.1900
Android (android.graphics.Color)	4280653563 (0xFF2596FB)
YUV	127.7270, 60.7736, -79.5676
Hunter-Lab	54.0815, 1.5934, -66.8830

Details

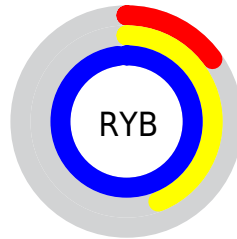
The CIELCh color **61, 58.953, 275.176** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **69, 76.422, 61.408**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 34.837, 250.397**, and **43, 57.178, 282.677** is the 20% darker color. If you saturate the color by 10%, you get **57, 65.495, 279.905**, and if you desaturate by 10%, it is **65, 52.533, 270.769**.

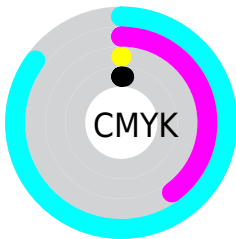
Distribution



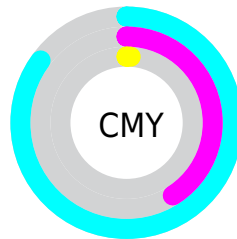
- Red (15%)
- Green (59%)
- Blue (98%)



- Red (15%)
- Yellow (44%)
- Blue (98%)



- Cyan (85%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)





- Cyan (85%)
- Magenta (41%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 58.953, 275.176 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 61, 58.953, 275.176 by changing the saturation by 10% instead.


 61, 58.953,
275.176


 61, 58.953,
275.176


 100, 58.953,
275.176


 51, 58.953,
275.176


 81, 58.953,
275.176

 41, 58.953,
275.176

 91, 58.953,
275.176

 31, 58.953,
275.176

 21, 58.953,
275.176

 11, 58.953,
275.176

 1, 58.953, 275.176

 0, 58.953, 275.176

■ 61, 58.953,
275.176

■ 61, 58.953,
275.176

■ 57, 65.495,
279.905

■ 65, 52.533,
270.769

■ 56, 68.812,
282.208

■ 69, 46.096,
266.836

■ 73, 39.532,
263.436

■ 78, 32.776,
260.556

■ 82, 25.809,
258.144

■ 87, 18.643,
256.136

■ 92, 11.308,
254.472

■ 96, 3.841, 253.145

100, 1.917,
109.994

Harmonies

Complementary

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



61, 58.953, 275.176



69, 76.422, 61.408

Rectangle

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



61, 58.953, 275.176



61, 58.953, 325.176



61, 58.953, 95.176



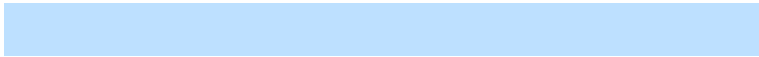
61, 58.953, 145.176

Sweetspot

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



61, 58.952, 275.177



88, 19.545, 256.309



88, 83.337, 150.404



45, 13.203, 256.975



0, 0.000, 0.000



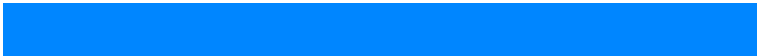
53, 0.007, 296.813

Same Dimension

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



61, 58.952, 275.177



56, 69.654, 282.248



36, 119.510, 304.201



50, 4.263, 253.679



42, 54.575, 281.327



12, 21.858, 274.202

Inverse Universe

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



56, 81.853, 354.871



55, 85.033, 0.303



94, 89.462, 101.239



49, 6.394, 342.945



41, 67.942, 359.492



10, 31.346, 354.090

Previews

White Background



This preview shows how the CIELCh color 61, 58.953, 275.176 looks on a white background.

Color Contrast Check

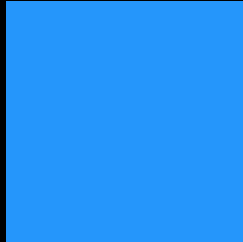
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 58.953, 275.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

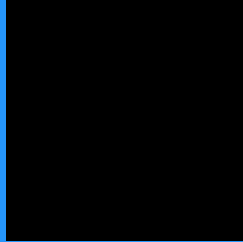
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

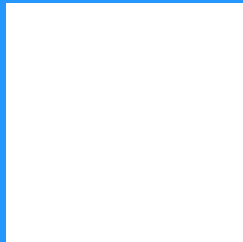
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 58.953, 275.176

Background



This preview shows how black text looks on a background with the CIELCh color 61, 58.953, 275.176.



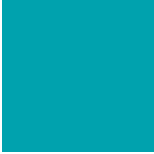
This preview shows how white text looks on a background with the CIELCh color 61, 58.953, 275.176.

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
61, 34.479, 208.099

Trichromacy



Original Color
61, 58.953, 275.176

Protanomaly
61, 57.771, 280.950

Deuteranomaly
61, 59.550, 277.433

Tritanomaly
61, 36.954, 240.229

Monochromacy



Original Color
61, 58.953, 275.176

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 24.285, 260.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 58.953, 275.176 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(37, 150, 251)` looks like.

```
.text, #text, p{  
    color:rgb(37, 150, 251)  
}
```

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(37, 150, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 150, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 58.953, 275.176 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(37, 150, 251) }
```

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

```
.border{ border-color:rgb(37, 150, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 150, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 150, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 150, 251);  
box-shadow:4px 4px 4px 4px rgb(37, 150,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 58.953, 275.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 150, 251) }
```

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

```
.background{ background-color: rgb(37, 150,  
251) }
```

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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