

Converting Colors

CIELCh(61, 57.571, 274.970)

Have a look what the booklet for
CIELCh(61, 57.571, 274.970)
contains.

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Color

CIELCh(61, 57.786, 275.155)

Conversions

Conversions Part 1

Format	Color
Hex	2D96F9
RGB	45, 150, 249
RGB Percent	18%, 59%, 98%
CMY	0.8227, 0.4114, 0.0231
CMYK	0.82, 0.40, 0.00, 0.02
HSL	209°, 95%, 58%
HSV	209°, 82%, 98%
XYZ	29.1247, 29.2481, 93.8126
YIQ	129.8910, -94.3590, 8.5290

Conversions

Conversions Part 2

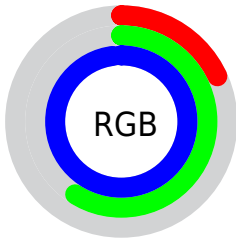
Format	Color
R _Y B	45, 114, 249
Decimal	2987769
CIE Lab	61.00, 5.19, -57.55
CIE LCh	61, 57.786, 275.155
Yxy	29.2481, 0.1914, 0.1922
Android (android.graphics.Color)	4281177849 (0xFF2D96F9)
YUV	129.8910, 58.7207, -74.4494
Hunter-Lab	54.0815, 1.4853, -64.9903

Details

The CIELCh color **61, 57.786, 275.155** 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 **70, 73.046, 63.142**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 34.436, 251.271**, and **43, 56.084, 282.081** is the 20% darker color. If you saturate the color by 10%, you get **57, 64.523, 279.748**, and if you desaturate by 10%, it is **65, 51.151, 270.926**.

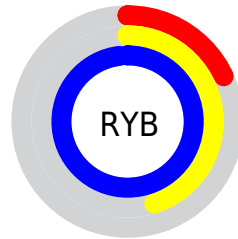
Distribution



Red (18%)

Green (59%)

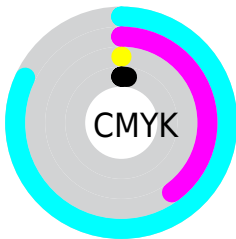
Blue (98%)



Red (18%)

Yellow (45%)

Blue (98%)

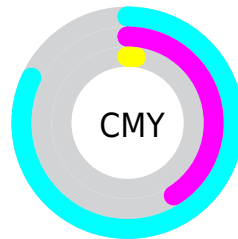


Cyan (82%)

Magenta (40%)

Yellow (0%)

Black (2%)



Cyan (82%)


Magenta (41%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 57.786, 275.155 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, 57.786, 275.155 by changing the saturation by 10% instead.


 61, 57.786,
275.155


 61, 57.786,
275.155


 100, 57.786,
275.155


 51, 57.786,
275.155


 81, 57.786,
275.155

 41, 57.786,
275.155

 91, 57.786,
275.155

 31, 57.786,
275.155

 21, 57.786,
275.155

 11, 57.786,
275.155

 1, 57.786, 275.155

 0, 57.786, 275.155

■ 61, 57.786,
275.155

■ 61, 57.786,
275.155

■ 57, 64.523,
279.748

■ 65, 51.151,
270.926

■ 54, 70.188,
283.535

■ 69, 44.493,
267.181

■ 74, 37.717,
263.957

■ 78, 30.773,
261.230

■ 83, 23.649,
258.946

■ 87, 16.360,
257.041

■ 92, 8.936, 255.462

■ 97, 1.411, 254.383

100, 2.982,
109.929

Harmonies

Complementary

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



61, 57.786, 275.155



70, 73.046, 63.142

Rectangle

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



61, 57.786, 275.155



61, 57.786, 325.155



61, 57.786, 95.155



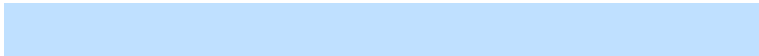
61, 57.786, 145.155

Sweetspot

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



61, 57.785, 275.156



88, 19.028, 257.609



87, 79.376, 151.903



45, 12.944, 258.277



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, 57.785, 275.156



56, 70.091, 282.695



37, 116.472, 303.982



50, 4.304, 255.136



42, 56.027, 282.692



12, 22.369, 275.668

Inverse Universe

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



56, 79.803, 354.906



55, 84.644, 0.726



94, 88.319, 102.356



49, 6.339, 343.630



41, 67.747, 0.705



10, 31.207, 355.089

Previews

White Background



This preview shows how the CIE LCh color 61, 57.786, 275.155 looks on a white background.

Color Contrast Check

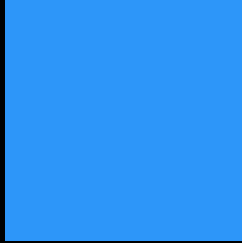
Large Text (above 18pt) WCAG AA ✓ Pass

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, 57.786, 275.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

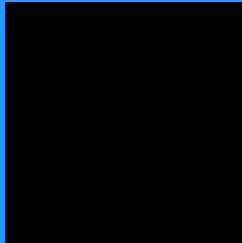
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

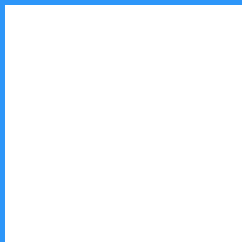
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 57.786, 275.155

Background



This preview shows how black text looks on a background with the CIELCh color 61, 57.786, 275.155.

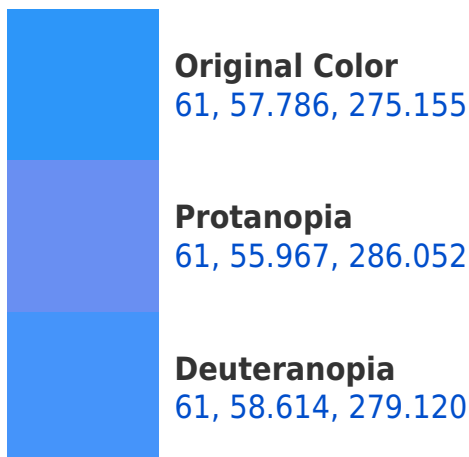


This preview shows how white text looks on a background with the CIELCh color 61, 57.786, 275.155.

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



Trichromacy



Original Color
61, 57.786, 275.155

Protanomaly
61, 56.627, 280.946

Deuteranomaly
61, 58.373, 277.496

Monochromacy



Original Color
61, 57.786, 275.155

Achromatopsia
54, 0.007, 296.813

Achromatomaly
56, 23.411, 261.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 57.786, 275.155 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(45, 150, 249)` looks like.

```
.text, #text, p{  
    color:rgb(45, 150, 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(45, 150, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 150, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 57.786, 275.155 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(45, 150, 249) }
```

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

```
.border{ border-color:rgb(45, 150, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 150, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 150, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 150, 249);  
box-shadow:4px 4px 4px 4px rgb(45, 150,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 57.786, 275.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 150, 249) }
```

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

```
.background{ background-color: rgb(45, 150,  
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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