

Converting Colors

CIELCh(56, 87.179, 261.937)

Have a look what the booklet for
CIELCh(56, 87.179, 261.937)
contains.

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Color

CIELCh(61, 61.353, 275.010)

Conversions

Conversions Part 1

Format	Color
Hex	0496FF
RGB	4, 150, 255
RGB Percent	2%, 59%, 100%
CMY	0.9863, 0.4098, 0.0000
CMYK	0.99, 0.41, 0.00, 0.00
HSL	205°, 100%, 51%
HSV	205°, 99%, 100%
XYZ	29.1677, 29.2481, 99.1860
YIQ	118.3160, -120.7210, 1.7030

Conversions

Conversions Part 2

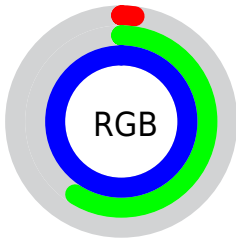
Format	Color
R _Y B	4, 96, 255
Decimal	300799
CIE Lab	61.00, 5.36, -61.12
CIE LCh	61, 61.353, 275.010
Yxy	29.2481, 0.1851, 0.1856
Android (android.graphics.Color)	4278490879 (0xFF0496FF)
YUV	118.3160, 67.3852, -100.2551
Hunter-Lab	54.0815, 1.6272, -70.8813

Details

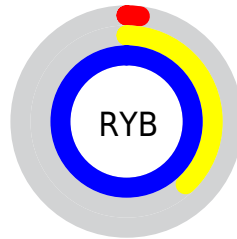
The CIELCh color **61, 61.353, 275.010** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **63, 88.474, 53.722**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 35.762, 248.503**, and **43, 59.372, 283.803** is the 20% darker color. If you saturate the color by 10%, you get **61, 61.837, 275.505**, and if you desaturate by 10%, it is **64, 55.758, 269.810**.

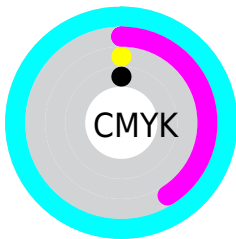
Distribution



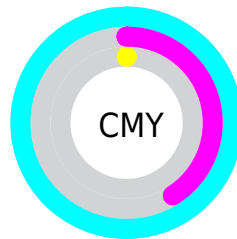
- Red (2%)
- Green (59%)
- Blue (100%)



- Red (2%)
- Yellow (38%)
- Blue (100%)



- Cyan (99%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (99%)
- Magenta (41%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 61.353, 275.010 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, 61.353, 275.010 by changing the saturation by 10% instead.


 61, 61.353,
275.010


 61, 61.353,
275.010


 100, 61.353,
275.010


 51, 61.353,
275.010


 81, 61.353,
275.010

 41, 61.353,
275.010

 91, 61.353,
275.010

 31, 61.353,
275.010

 21, 61.353,
275.010

 11, 61.353,
275.010

 1, 61.353, 275.010

 0, 61.353, 275.010

■ 61, 61.353,
275.010

■ 61, 61.353,
275.010

■ 61, 61.837,
275.505

■ 64, 55.758,
269.810

■ 68, 50.502,
265.107

■ 71, 45.120,
260.937

■ 75, 39.477,
257.362

■ 79, 33.498,
254.364

■ 83, 27.165,
251.885

■ 87, 20.500,
249.848

■ 92, 13.546,

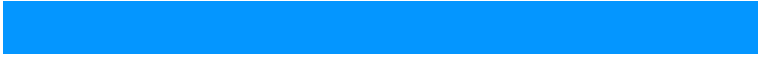
248.181

■ 96, 6.357, 246.842

Harmonies

Complementary

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



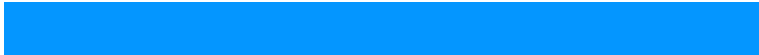
61, 61.353, 275.010



63, 88.474, 53.722

Rectangle

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



61, 61.353, 275.010



61, 61.353, 325.010



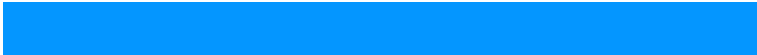
61, 61.353, 95.010



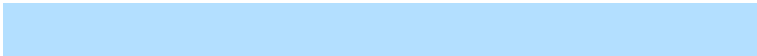
61, 61.353, 145.010

Sweetspot

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



61, 61.081, 274.836



87, 21.434, 250.104



88, 98.211, 144.477



44, 14.514, 250.936



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, 61.081, 274.836



61, 61.837, 275.505



34, 127.926, 305.078



51, 4.185, 246.946



46, 49.076, 274.570



14, 20.428, 267.448

Inverse Universe

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



56, 86.499, 354.522



56, 86.538, 354.975



91, 90.014, 95.952



50, 6.763, 340.064



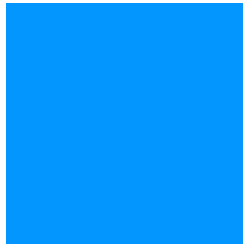
42, 69.899, 354.336



11, 32.909, 350.071

Previews

White Background



This preview shows how the CIELCh color 61, 61.353, 275.010 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 61, 61.353, 275.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

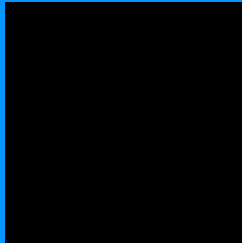
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

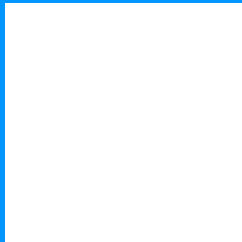
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 61.353, 275.010

Background



This preview shows how black text looks on a background with the CIELCh color 61, 61.353, 275.010.

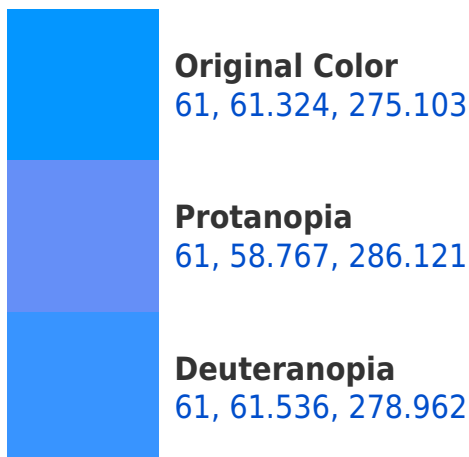


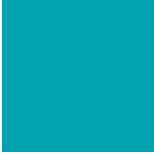
This preview shows how white text looks on a background with the CIELCh color 61, 61.353, 275.010.

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, 61.324, 275.103



Protanomaly
60, 59.767, 279.735



Deuteranomaly
61, 61.439, 276.913



Tritanomaly
61, 37.529, 240.601

Monochromacy



Original Color
61, 61.324, 275.103



Achromatopsia
50, 0.007, 296.813



Achromatomaly
52, 26.524, 255.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 61.353, 275.010 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(4, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(4, 150, 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(4, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 150, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 61.353, 275.010 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(4, 150, 255) }
```

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

```
.border{ border-color:rgb(4, 150, 255) }
```

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

Here you see how a box with a 4 pixel rgb(4, 150, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(4, 150,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 61.353, 275.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 150, 255) }
```

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

```
.background{ background-color: rgb(4, 150,  
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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