

Converting Colors

CIELCh(61, 71.885, 301.994)

Have a look what the booklet for
CIELCh(61, 71.885, 301.994)
contains.

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Color

CIELCh(61, 71.545, 302.048)

Conversions

Conversions Part 1

Format	Color
Hex	9680FF
RGB	150, 128, 255
RGB Percent	59%, 50%, 100%
CMY	0.4107, 0.4971, 0.0000
CMYK	0.41, 0.50, 0.00, 0.00
HSL	250°, 100%, 75%
HSV	250°, 50%, 100%
XYZ	38.4718, 29.2481, 98.4561
YIQ	149.0560, -27.6550, 44.1610

Conversions

Conversions Part 2

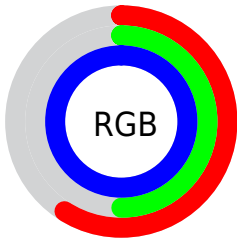
Format	Color
R_{YB}	150, 128, 255
Decimal	9863423
CIE _{Lab}	61.00, 37.96, -60.64
CIE _{LCh}	61, 71.545, 302.048
Yxy	29.2481, 0.2315, 0.1760
Android (android.graphics.Color)	4288053503 (0xFF9680FF)
YUV	149.0560, 52.2304, 0.8279
Hunter-Lab	54.0815, 32.3361, -70.0810

Details

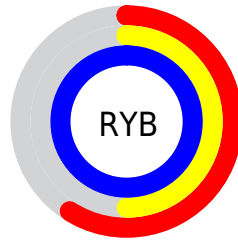
The CIELCh color **61, 71.545, 302.048** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **96, 62.774, 113.484**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 40.788, 305.974**, and **41, 71.441, 302.104** is the 20% darker color. If you saturate the color by 10%, you get **54, 86.970, 303.426**, and if you desaturate by 10%, it is **69, 56.031, 300.766**.

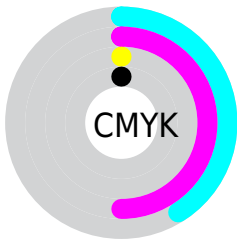
Distribution



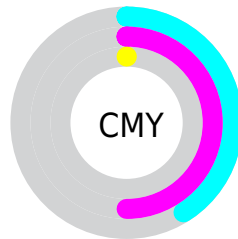
- Red (59%)
- Green (50%)
- Blue (100%)



- Red (59%)
- Yellow (50%)
- Blue (100%)



- Cyan (41%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)





- Cyan (41%)
- Magenta (50%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 71.545, 302.048 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, 71.545, 302.048 by changing the saturation by 10% instead.


 61, 71.545,
302.048


 61, 71.545,
302.048


 100, 71.545,
302.048


 51, 71.545,
302.048


 81, 71.545,
302.048

 41, 71.545,
302.048

 91, 71.545,
302.048

 31, 71.545,
302.048

 21, 71.545,
302.048

 11, 71.545,
302.048

 1, 71.545, 302.048

 0, 71.545, 302.048

■ 61, 71.545,
302.048

■ 61, 71.545,
302.048

■ 54, 86.970,
303.426

■ 69, 56.031,
300.766

■ 47, 102.170,
304.792

■ 77, 41.119,
299.611

■ 41, 115.868,
305.976

■ 84, 26.745,
298.597

■ 36, 126.335,
306.734

■ 92, 12.923,
297.718

■ 34, 132.298,
306.931

■ 100, 0.012,
296.813

■ 33, 132.441,
306.936

Harmonies

Complementary

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



61, 71.545, 302.048



96, 62.774, 113.484

Rectangle

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



61, 71.545, 302.048



61, 71.545, 352.048



61, 71.545, 122.048



61, 71.545, 172.048

Sweetspot

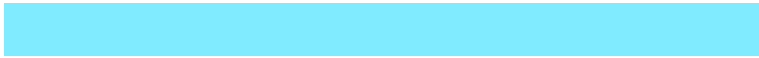
The Sweet Spot groups the original color and five complimentary colors.



61, 71.398, 302.051



88, 20.168, 298.167



87, 31.905, 218.064



45, 13.817, 298.356



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, 71.398, 302.051



53, 87.421, 303.466



67, 73.515, 316.784



49, 7.564, 297.702



24, 106.511, 307.037



4, 44.506, 305.050

Inverse Universe

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



71, 68.778, 332.854



67, 80.495, 333.570



92, 70.476, 132.202



50, 8.030, 330.187



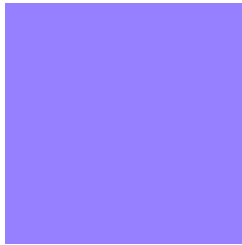
44, 81.264, 336.628



12, 37.988, 335.444

Previews

White Background



This preview shows how the CIELCh color 61, 71.545, 302.048 looks on a white background.

Color Contrast Check

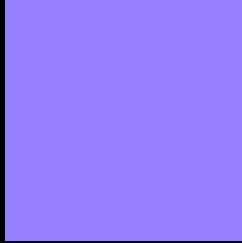
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.545, 302.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

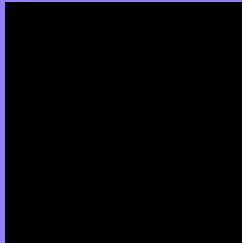
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 71.545, 302.048

Background



This preview shows how black text looks on a background with the CIELCh color 61, 71.545, 302.048.

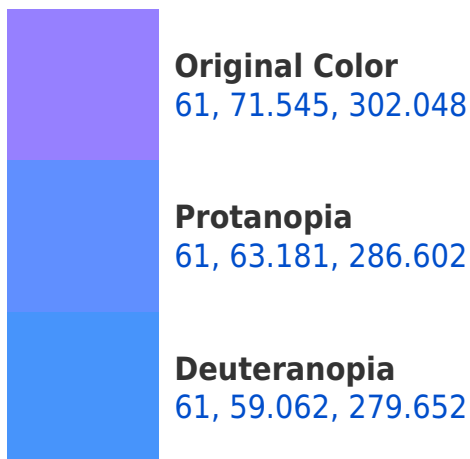


This preview shows how white text looks on a background with the CIELCh color 61, 71.545, 302.048.

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, 10.233, 240.411

Trichromacy



Original Color
61, 71.545, 302.048

Protanomaly
61, 65.666, 292.138

Deuteranomaly
61, 62.624, 287.622

Tritanomaly
60, 30.490, 289.827

Monochromacy



Original Color
61, 71.545, 302.048

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 26.734, 298.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 71.545, 302.048 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(150, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 128, 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(150, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 128, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 71.545, 302.048 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(150, 128, 255) }
```

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

```
.border{ border-color:rgb(150, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 128,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 71.545, 302.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 128, 255) }
```

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

```
.background{ background-color: rgb(150,  
128, 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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