

Converting Colors

CIELCh(61, 73.920, 301.372)

Have a look what the booklet for
CIELCh(61, 73.920, 301.372)
contains.

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Color

CIELCh(61, 71.532, 301.405)

Conversions

Conversions Part 1

Format	Color
Hex	9481FF
RGB	148, 129, 255
RGB Percent	58%, 51%, 100%
CMY	0.4196, 0.4946, 0.0000
CMYK	0.42, 0.49, 0.00, 0.00
HSL	249°, 100%, 75%
HSV	249°, 49%, 100%
XYZ	38.2569, 29.2481, 99.0853
YIQ	149.0450, -29.1220, 43.2140

Conversions

Conversions Part 2

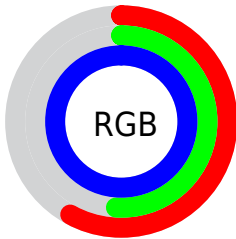
Format	Color
R_{YB}	148, 129, 255
Decimal	9732607
CIE _{Lab}	61.00, 37.27, -61.05
CIE _{LCh}	61, 71.532, 301.405
Yxy	29.2481, 0.2296, 0.1756
Android (android.graphics.Color)	4287922687 (0xFF9481FF)
YUV	149.0450, 52.2358, -0.9165
Hunter-Lab	54.0815, 31.6270, -70.7708

Details

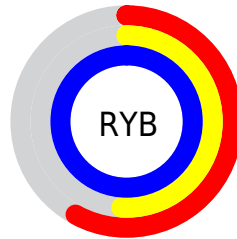
The CIELCh color **61, 71.532, 301.405** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **96, 62.326, 112.493**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 40.049, 304.728**, and **41, 70.841, 301.477** is the 20% darker color. If you saturate the color by 10%, you get **53, 86.628, 302.870**, and if you desaturate by 10%, it is **69, 55.608, 300.052**.

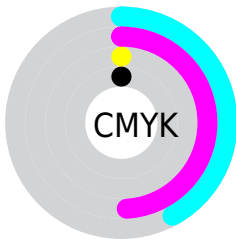
Distribution



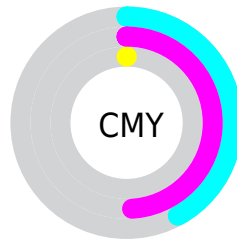
- Red (58%)
- Green (51%)
- Blue (100%)



- Red (58%)
- Yellow (51%)
- Blue (100%)



- Cyan (42%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 71.532, 301.405 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, 71.532, 301.405 by changing the saturation by 10% instead.


 61, 71.532,
301.405


 61, 71.532,
301.405


 100, 71.532,
301.405


 51, 71.532,
301.405


 81, 71.532,
301.405

 41, 71.532,
301.405

 91, 71.532,
301.405

 31, 71.532,
301.405

 21, 71.532,
301.405

 11, 71.532,
301.405

 1, 71.532, 301.405

 0, 71.532, 301.405

■ 61, 71.532,
301.405

■ 61, 71.532,
301.405

■ 53, 86.628,
302.870

■ 69, 55.608,
300.052

■ 46, 101.944,
304.338

■ 77, 40.703,
298.840

■ 40, 115.809,
305.633

■ 85, 26.353,
297.781

■ 36, 126.449,
306.499

■ 93, 12.562,
296.866

■ 33, 132.468,
306.781

■ 100, 0.012,
296.813

■ 33, 132.730,
306.795

Harmonies

Complementary

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



61, 71.532, 301.405



96, 62.326, 112.493

Rectangle

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



61, 71.532, 301.405



61, 71.532, 351.405



61, 71.532, 121.405



61, 71.532, 171.405

Sweetspot

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



61, 70.995, 301.408



88, 20.136, 297.356



88, 32.081, 215.671



45, 13.795, 297.553



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, 70.995, 301.408



54, 85.912, 302.802



67, 73.018, 316.256



49, 7.551, 296.870



24, 106.758, 306.885



4, 44.464, 304.652

Inverse Universe

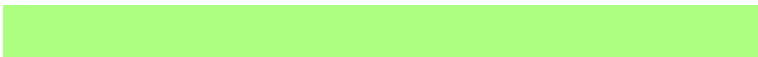
The Inverse Universe completely reimagines the original color for something new.



72, 69.504, 332.000



67, 80.637, 332.620



93, 69.797, 131.712



50, 8.157, 329.441



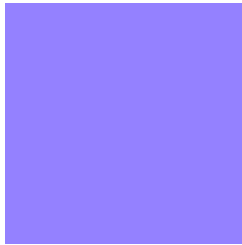
44, 82.660, 335.369



12, 38.567, 334.382

Previews

White Background



This preview shows how the CIELCh color 61, 71.532, 301.405 looks on a white background.

Color Contrast Check

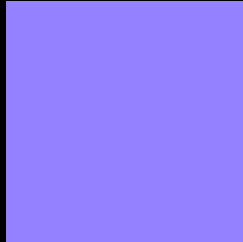
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.532, 301.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

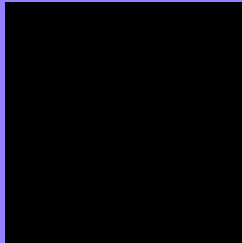
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 71.532, 301.405

Background



This preview shows how black text looks on a background with the CIELCh color 61, 71.532, 301.405.

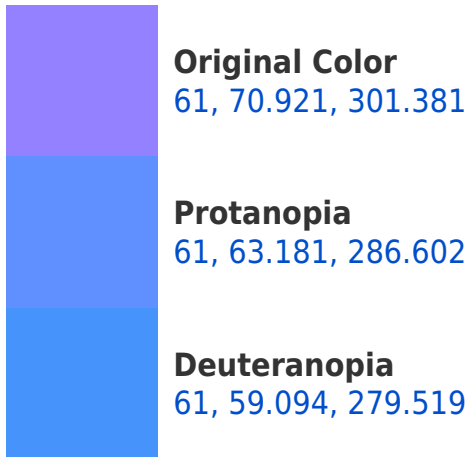


This preview shows how white text looks on a background with the CIELCh color 61, 71.532, 301.405.

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, 11.273, 235.764

Trichromacy



Original Color
61, 70.921, 301.381

Protanomaly
61, 65.684, 291.945

Deuteranomaly
60, 62.675, 287.265

Tritanomaly
60, 29.976, 287.236

Monochromacy



Original Color
61, 70.921, 301.381

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 26.109, 298.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 71.532, 301.405 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(148, 129, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 129, 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(148, 129, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 129, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 71.532, 301.405 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(148, 129, 255) }
```

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

```
.border{ border-color:rgb(148, 129, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 129, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 129, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 129, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 129,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 71.532, 301.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 129, 255) }
```

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

```
.background{ background-color: rgb(148,  
129, 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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