

Converting Colors

CIELCh(61, 97.194, 323.448)

Have a look what the booklet for
CIELCh(61, 97.194, 323.448)
contains.

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Color

CIELCh(61, 97.084, 323.420)

Conversions

Conversions Part 1

Format	Color
Hex	E450FB
RGB	228, 80, 251
RGB Percent	89%, 31%, 98%
CMY	0.1053, 0.6857, 0.0152
CMYK	0.09, 0.68, 0.00, 0.02
HSL	292°, 96%, 65%
HSV	292°, 68%, 98%
XYZ	52.3512, 29.2481, 94.2635
YIQ	143.7460, 33.3170, 84.5570

Conversions

Conversions Part 2

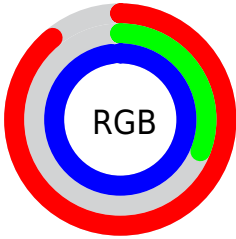
Format	Color
R _Y B	228, 80, 251
Decimal	14962939
CIE _{Lab}	61.00, 77.96, -57.86
CIE _{LCh}	61, 97.084, 323.420
Yxy	29.2481, 0.2977, 0.1663
Android (android.graphics.Color)	4293153019 (0xFFE450FB)
YUV	143.7460, 52.8762, 73.8908
Hunter-Lab	54.0815, 78.1463, -65.4847

Details

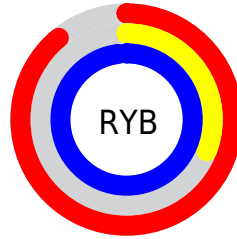
The CIELCh color **61, 97.084, 323.420** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **88, 96.723, 136.062**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 70.779, 326.840**, and **42, 95.055, 323.067** is the 20% darker color. If you saturate the color by 10%, you get **58, 106.055, 323.476**, and if you desaturate by 10%, it is **65, 85.623, 323.215**.

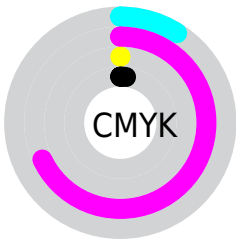
Distribution



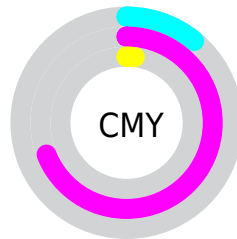
- Red (89%)
- Green (31%)
- Blue (98%)



- Red (89%)
- Yellow (31%)
- Blue (98%)



- Cyan (9%)
- Magenta (68%)
- Yellow (0%)
- Black (2%)





- Cyan (11%)
- Magenta (69%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 97.084, 323.420 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, 97.084, 323.420 by changing the saturation by 10% instead.


 61, 97.084,
323.420


 61, 97.084,
323.420


 100, 97.084,
323.420


 51, 97.084,
323.420


 81, 97.084,
323.420

 41, 97.084,
323.420


 91, 97.084,
323.420

 31, 97.084,
323.420

 21, 97.084,
323.420

 11, 97.084,
323.420

 1, 97.084, 323.420

 0, 97.084, 323.420

61, 97.084,
323.420

61, 97.084,
323.420

58, 106.055,
323.476

65, 85.623,
323.215

55, 112.050,
323.352

70, 72.341,
322.897

54, 115.049,
323.042

75, 57.886,
322.500

54, 115.456,
322.972

81, 42.796,
322.053

87, 27.475,
321.580

93, 12.200,
321.092

100, 2.265,
139.827

100, 1.949,

Harmonies

Complementary

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



61, 97.084, 323.420



88, 96.723, 136.062

Rectangle

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



61, 97.084, 323.420



61, 97.084, 13.420



61, 97.084, 143.420



61, 97.084, 193.420

Sweetspot

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



61, 97.082, 323.420



87, 30.791, 321.673



51, 83.889, 296.100



45, 21.030, 321.807



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, 97.082, 323.420



58, 110.082, 323.449



62, 77.790, 342.914



49, 8.552, 321.162



40, 93.115, 323.059



10, 42.051, 323.690

Inverse Universe

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



59, 70.397, 20.547



56, 84.478, 26.284



88, 78.371, 148.653



49, 5.238, 9.146



39, 77.452, 33.993



9, 31.322, 20.649

Previews

White Background



This preview shows how the CIELCh color 61, 97.084, 323.420 looks on a white background.

Color Contrast Check

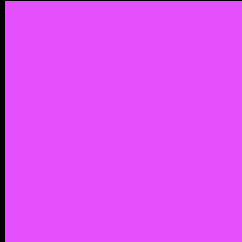
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.084, 323.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

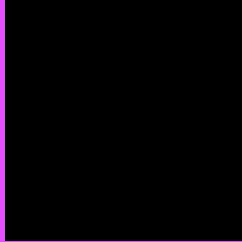
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 97.084, 323.420

Background



This preview shows how black text looks on a background with the CIELCh color 61, 97.084, 323.420.

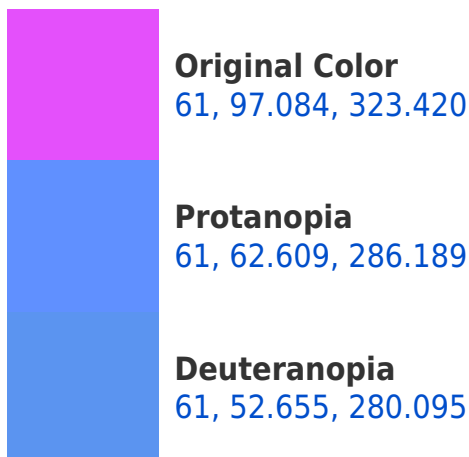


This preview shows how white text looks on a background with the CIELCh color 61, 97.084, 323.420.

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, 38.381, 16.600

Trichromacy



Original Color
61, 97.084, 323.420



Protanomaly
59, 75.284, 302.385



Deuteranomaly
58, 68.684, 301.335



Tritanomaly
60, 53.871, 343.505

Monochromacy



Original Color
61, 97.084, 323.420



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 39.952, 322.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 97.084, 323.420 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(228, 80, 251)` looks like.

```
.text, #text, p{  
    color:rgb(228, 80, 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(228, 80, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 80, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 97.084, 323.420 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(228, 80, 251) }
```

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

```
.border{ border-color:rgb(228, 80, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 80, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 80, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 80, 251);  
box-shadow:4px 4px 4px 4px rgb(228, 80,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 97.084, 323.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 80, 251) }
```

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

```
.background{ background-color: rgb(228, 80,  
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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