

Converting Colors

CIELCh(61, 56.639, 300.427)

Have a look what the booklet for
CIELCh(61, 56.639, 300.427)
contains.

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Color

CIELCh(61, 56.500, 300.409)

Conversions

Conversions Part 1

Format	Color
Hex	9586EA
RGB	149, 134, 234
RGB Percent	58%, 53%, 92%
CMY	0.4169, 0.4757, 0.0837
CMYK	0.36, 0.43, 0.00, 0.08
HSL	249°, 70%, 72%
HSV	249°, 43%, 92%
XYZ	35.6227, 29.2481, 81.3581
YIQ	149.8850, -23.1600, 34.2800

Conversions

Conversions Part 2

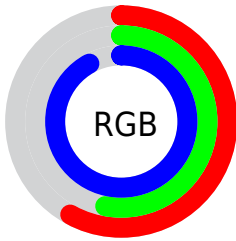
Format	Color
R _Y B	149, 134, 234
Decimal	9799402
CIE Lab	61.00, 28.60, -48.73
CIE LCh	61, 56.500, 300.409
Yxy	29.2481, 0.2436, 0.2000
Android (android.graphics.Color)	4287989482 (0xFF9586EA)
YUV	149.8850, 41.4687, -0.7761
Hunter-Lab	54.0815, 22.9325, -51.3364

Details

The CIELCh color $61, 56.500, 300.409$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $90, 50.736, 112.872$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 36.995, 302.896$, and $41, 56.819, 300.548$ is the 20% darker color. If you saturate the color by 10%, you get $54, 70.941, 301.805$, and if you desaturate by 10%, it is $68, 42.459, 299.151$.

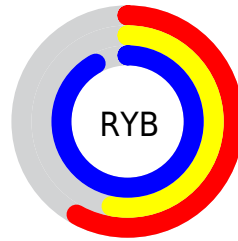
Distribution



Red (58%)

Green (53%)

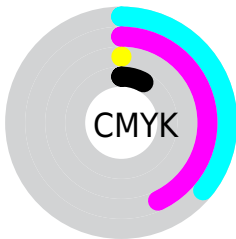
Blue (92%)



Red (58%)

Yellow (53%)

Blue (92%)

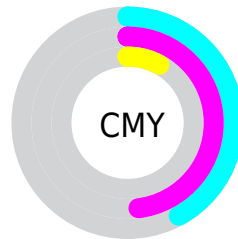


Cyan (36%)

Magenta (43%)

Yellow (0%)

Black (8%)



Cyan (42%)

Magenta (48%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 56.500, 300.409 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, 56.500, 300.409 by changing the saturation by 10% instead.

61, 56.500,
300.409

61, 56.500,
300.409

100, 56.500,
300.409

51, 56.500,
300.409

81, 56.500,
300.409

41, 56.500,
300.409

91, 56.500,
300.409

31, 56.500,
300.409

21, 56.500,
300.409

11, 56.500,
300.409

1, 56.500, 300.409

0, 56.500, 300.409

61, 56.500,
300.409

61, 56.500,
300.409

54, 70.941,
301.805

68, 42.459,
299.151

47, 85.496,
303.282

76, 28.923,
298.045

41, 99.506,
304.723

83, 15.910,
297.086

35, 111.735,
305.922

91, 3.402, 296.262

32, 120.440,
306.619

98, 8.627, 115.551

30, 124.214,
306.809

99, 10.799,
109.361

Harmonies

Complementary

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



61, 56.500, 300.409



90, 50.736, 112.872

Rectangle

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



61, 56.500, 300.409



61, 56.500, 350.409



61, 56.500, 120.409



61, 56.500, 170.409

Sweetspot

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



61, 56.499, 300.409



90, 17.381, 297.111



83, 27.103, 212.912



46, 12.215, 297.312



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, 56.499, 300.409



60, 73.397, 301.583



66, 58.785, 315.459



45, 7.050, 296.798



22, 102.477, 306.895



3, 36.092, 301.276

Inverse Universe

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



69, 56.805, 331.492



71, 71.490, 332.036



86, 56.386, 131.539



46, 7.627, 329.379



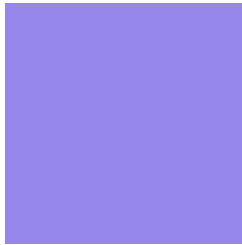
41, 79.498, 335.243



9, 34.623, 334.071

Previews

White Background



This preview shows how the CIELCh color 61, 56.500, 300.409 looks on a white background.

Color Contrast Check

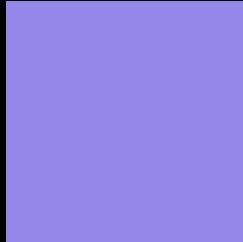
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.500, 300.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

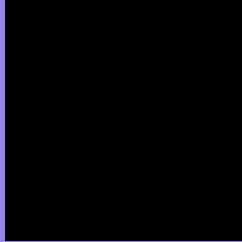
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 56.500, 300.409

Background



This preview shows how black text looks on a background with the CIELCh color 61, 56.500, 300.409.

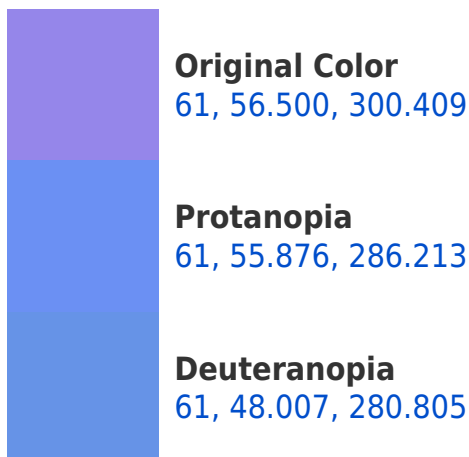


This preview shows how white text looks on a background with the CIELCh color 61, 56.500, 300.409.

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, 9.010, 247.781

Trichromacy



Original Color
61, 56.500, 300.409

Protanomaly
61, 56.211, 291.097

Deuteranomaly
61, 50.734, 288.341

Tritanomaly
61, 24.820, 288.994

Monochromacy



Original Color
61, 56.500, 300.409

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 20.436, 298.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 56.500, 300.409 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(149, 134, 234)` looks like.

```
.text, #text, p{  
    color:rgb(149, 134, 234)  
}
```

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(149, 134, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 134, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 56.500, 300.409 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(149, 134, 234) }
```

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

```
.border{ border-color:rgb(149, 134, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 134, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 134, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 134, 234);  
box-shadow:4px 4px 4px 4px rgb(149, 134,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 56.500, 300.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 134, 234) }
```

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

```
.background{ background-color: rgb(149,  
134, 234) }
```

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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