

Converting Colors

CIELCh(61, 39.657, 304.746)

Have a look what the booklet for
CIELCh(61, 39.657, 304.746)
contains.

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Color

CIELCh(61, 39.703, 304.758)

Conversions

Conversions Part 1

Format	Color
Hex	9E88CD
RGB	158, 136, 205
RGB Percent	62%, 53%, 80%
CMY	0.3807, 0.4670, 0.1964
CMYK	0.23, 0.34, 0.00, 0.20
HSL	259°, 41%, 67%
HSV	259°, 34%, 80%
XYZ	33.8839, 29.2481, 61.5599
YIQ	150.4440, -9.0370, 26.1230

Conversions

Conversions Part 2

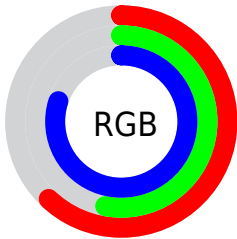
Format	Color
RYB	158, 136, 205
Decimal	10389709
CIELab	61.00, 22.64, -32.62
CIELCh	61, 39.703, 304.758
Yxy	29.2481, 0.2717, 0.2346
Android (android.graphics.Color)	4288579789 (0xFF9E88CD)
YUV	150.4440, 26.8961, 6.6266
Hunter-Lab	54.0815, 17.1936, -29.6315

Details

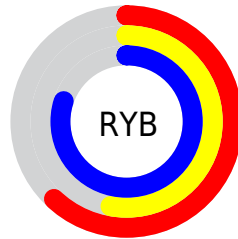
The CIELCh color $61, 39.703, 304.758$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 37.136, 120.612$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 36.263, 306.230$, and $41, 39.438, 304.735$ is the 20% darker color. If you saturate the color by 10%, you get $55, 52.266, 305.590$, and if you desaturate by 10%, it is $67, 27.452, 303.995$.

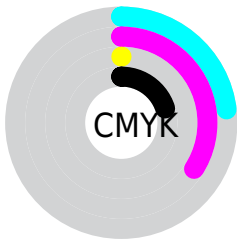
Distribution



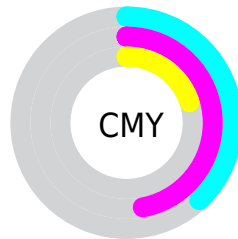
- Red (62%)
- Green (53%)
- Blue (80%)



- Red (62%)
- Yellow (53%)
- Blue (80%)



- Cyan (23%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 39.703, 304.758 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, 39.703, 304.758 by changing the saturation by 10% instead.

■ 61, 39.703,
304.758

■ 61, 39.703,
304.758

■ 100, 39.703,
304.758

■ 51, 39.703,
304.758

■ 81, 39.703,
304.758

■ 41, 39.703,
304.758

■ 91, 39.703,
304.758

■ 31, 39.703,
304.758

■ 21, 39.703,
304.758

■ 11, 39.703,
304.758

■ 1, 39.703, 304.758

■ 0, 39.703, 304.758

61, 39.703,
304.758

61, 39.703,
304.758

55, 52.266,
305.590

67, 27.452,
303.995

49, 64.986,
306.463

74, 15.584,
303.309

43, 77.541,
307.324

80, 4.117, 302.695

86, 6.952, 122.188

38, 89.337,
308.076

93, 17.638,
121.724

33, 99.432,
308.572

98, 25.820,
119.318

30, 106.656,
308.638

99, 25.280,
108.260

28, 109.857,
308.513

Harmonies

Complementary

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



61, 39.703, 304.758



79, 37.136, 120.612

Rectangle

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



61, 39.703, 304.758



61, 39.703, 354.758



61, 39.703, 124.758



61, 39.703, 174.758

Sweetspot

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



61, 39.702, 304.758



92, 13.533, 303.085



72, 19.053, 237.387



48, 9.255, 303.174



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, 39.702, 304.758



70, 56.919, 305.321



64, 42.997, 320.805



40, 6.397, 303.040



22, 93.662, 308.655



2, 23.928, 300.683

Inverse Universe

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



65, 36.162, 337.579



76, 51.053, 338.176



77, 42.425, 137.456



40, 6.028, 335.672



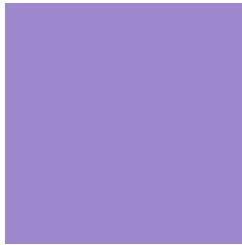
36, 66.190, 346.100



4, 22.402, 341.903

Previews

White Background



This preview shows how the CIELCh color 61, 39.703, 304.758 looks on a white background.

Color Contrast Check

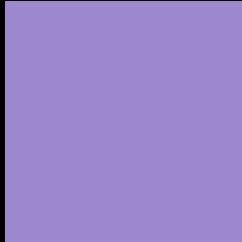
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.703, 304.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

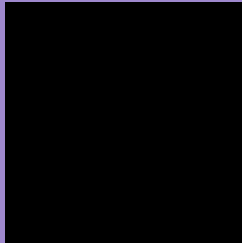
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 39.703, 304.758

Background



This preview shows how black text looks on a background with the CIELCh color 61, 39.703, 304.758.




This preview shows how white text looks on a background with the CIELCh color 61, 39.703, 304.758.

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, 6.318, 301.187

Trichromacy



Original Color
61, 39.703, 304.758

Protanomaly
61, 37.718, 292.309

Deuteranomaly
61, 34.926, 292.881

Tritanomaly
61, 18.483, 303.386

Monochromacy



Original Color
61, 39.703, 304.758

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 14.424, 303.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 39.703, 304.758 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(158, 136, 205)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 205)  
}
```

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(158, 136, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 39.703, 304.758 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(158, 136, 205) }
```

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

```
.border{ border-color:rgb(158, 136, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 205);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 39.703, 304.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 205) }
```

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

```
.background{ background-color: rgb(158,  
136, 205) }
```

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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