

Converting Colors

CIELCh(61, 70.628, 303.279)

Have a look what the booklet for
CIELCh(61, 70.628, 303.279)
contains.

CIELCh(61, 70.603, 303.431)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 70.603, 303.431)

Conversions

Conversions Part 1

Format	Color
Hex	9B7FFC
RGB	155, 127, 252
RGB Percent	61%, 50%, 99%
CMY	0.3914, 0.5013, 0.0110
CMYK	0.38, 0.50, 0.00, 0.01
HSL	253°, 96%, 74%
HSV	253°, 50%, 99%
XYZ	38.7638, 29.2481, 95.8524
YIQ	149.6220, -23.4370, 44.8110

Conversions

Conversions Part 2

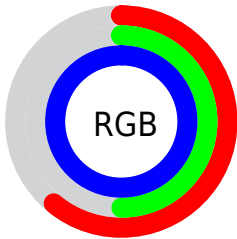
Format	Color
RYB	155, 127, 252
Decimal	10190844
CIELab	61.00, 38.90, -58.92
CIELCh	61, 70.603, 303.431
Yxy	29.2481, 0.2366, 0.1785
Android (android.graphics.Color)	4288380924 (0xFF9B7FFC)
YUV	149.6220, 50.4724, 4.7165
Hunter-Lab	54.0815, 33.3001, -67.2266

Details

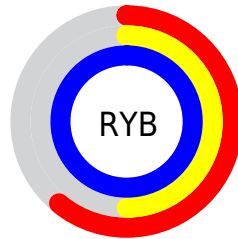
The CIELCh color $61, 70.603, 303.431$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $95, 62.493, 115.731$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 41.763, 308.518$, and $41, 70.872, 303.503$ is the 20% darker color. If you saturate the color by 10%, you get $54, 85.889, 304.617$, and if you desaturate by 10%, it is $69, 55.447, 302.305$.

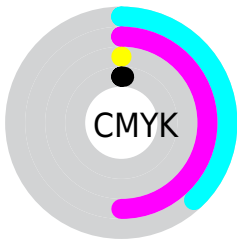
Distribution



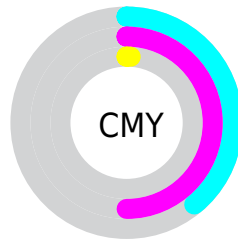
- Red (61%)
- Green (50%)
- Blue (99%)



- Red (61%)
- Yellow (50%)
- Blue (99%)



- Cyan (38%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)





- Cyan (39%)
- Magenta (50%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 70.603, 303.431 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, 70.603, 303.431 by changing the saturation by 10% instead.


 61, 70.603,
303.431


 61, 70.603,
303.431


 100, 70.603,
303.431


 51, 70.603,
303.431


 81, 70.603,
303.431

 41, 70.603,
303.431

 91, 70.603,
303.431

 31, 70.603,
303.431

 21, 70.603,
303.431

 11, 70.603,
303.431

 1, 70.603, 303.431

 0, 70.603, 303.431

61, 70.603,
303.431

61, 70.603,
303.431

54, 85.889,
304.617

69, 55.447,
302.305

47, 100.735,
305.773

76, 40.687,
301.282

41, 114.077,
306.740

84, 26.425,
300.374

37, 124.329,
307.303

92, 12.685,
299.579

34, 130.332,
307.337

99, 0.541, 118.939

34, 130.546,
307.338

100, 1.416,
110.018

Harmonies

Complementary

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



61, 70.603, 303.431



95, 62.493, 115.731

Rectangle

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



61, 70.603, 303.431



61, 70.603, 353.431



61, 70.603, 123.431



61, 70.603, 173.431

Sweetspot

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



61, 70.602, 303.431



88, 20.256, 299.997



85, 31.003, 225.412



45, 13.875, 300.168



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, 70.602, 303.431



55, 85.786, 304.553



67, 73.103, 318.336



48, 7.475, 299.573



24, 104.788, 307.464



4, 42.628, 305.464

Inverse Universe

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



70, 65.746, 334.851



67, 76.828, 335.614



91, 70.722, 133.660



49, 7.621, 331.965



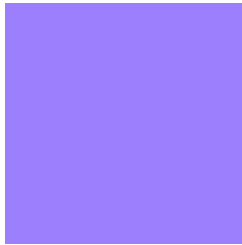
43, 77.512, 339.684



11, 35.806, 337.926

Previews

White Background



This preview shows how the CIELCh color 61, 70.603, 303.431 looks on a white background.

Color Contrast Check

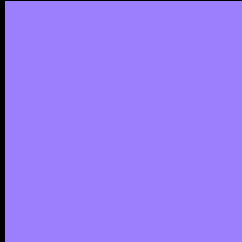
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.603, 303.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

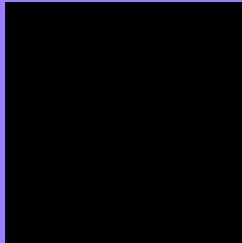
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 70.603, 303.431

Background



This preview shows how black text looks on a background with the CIELCh color 61, 70.603, 303.431.



This preview shows how white text looks on a background with the CIELCh color 61, 70.603, 303.431.

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, 8.571, 251.350

Trichromacy



Original Color
61, 70.603, 303.431



Protanomaly
61, 65.690, 292.775



Deuteranomaly
60, 62.006, 288.649



Tritanomaly
61, 29.943, 294.070

Monochromacy



Original Color
61, 70.603, 303.431



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 25.673, 300.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 70.603, 303.431 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(155, 127, 252)` looks like.

```
.text, #text, p{  
    color:rgb(155, 127, 252)  
}
```

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(155, 127, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 127, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 70.603, 303.431 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(155, 127, 252) }
```

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

```
.border{ border-color:rgb(155, 127, 252) }
```

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

Here you see how a box with a 4 pixel rgb(155, 127, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 127, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 127, 252);  
box-shadow:4px 4px 4px 4px rgb(155, 127,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 70.603, 303.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 127, 252) }
```

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

```
.background{ background-color: rgb(155,  
127, 252) }
```

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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