

# Converting Colors

CIELCh(61, 26.449, 302.810)

Have a look what the booklet for  
CIELCh(61, 26.449, 302.810)  
contains.

<b>CIELCh(61, 26.449, 302.810)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**CIELCh(61, 26.449, 302.810)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	998CBA
RGB	153, 140, 186
RGB Percent	60%, 55%, 73%
CMY	0.3984, 0.4494, 0.2689
CMYK	0.18, 0.25, 0.00, 0.27
HSL	257°, 25%, 64%
HSV	257°, 25%, 73%
XYZ	31.5584, 29.2481, 50.6718
YIQ	149.1310, -7.0180, 17.0620

# Conversions

## Conversions Part 2

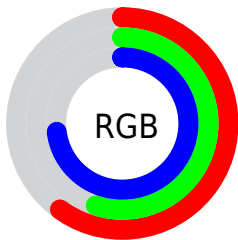
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	153, 140, 186
Decimal	10063034
CIE <sub>Lab</sub>	61.00, 14.33, -22.23
CIE <sub>LCh</sub>	61, 26.449, 302.810
Y <sub>xy</sub>	29.2481, 0.2831, 0.2624
Android (android.graphics.Color)	4288253114 (0xFF998CBA)
YUV	149.1310, 18.1764, 3.3931
Hunter-Lab	54.0815, 9.5181, -17.6948

# Details

The CIELCh color  $61, 26.449, 302.810$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $74, 25.182, 119.692$ , and the grayscale version is  $62, 0.008, 296.813$ .

A 20% lighter version of the original color is  $81, 26.084, 302.781$ , and  $41, 26.542, 302.463$  is the 20% darker color. If you saturate the color by 10%, you get  $55, 37.805, 303.638$ , and if you desaturate by 10%, it is  $67, 15.458, 302.070$ .

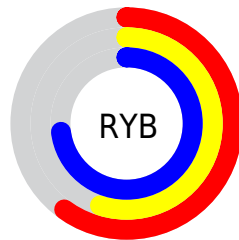
# Distribution



Red (60%)

Green (55%)

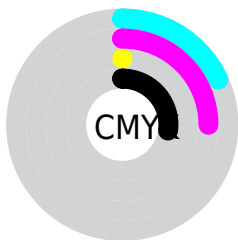
Blue (73%)



Red (60%)

Yellow (55%)

Blue (73%)

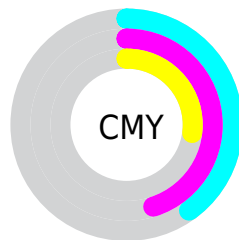


Cyan (18%)

Magenta (25%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (45%)


Yellow (27%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 26.449, 302.810 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, 26.449, 302.810 by changing the saturation by 10% instead.





 61, 26.449,  
302.810


 61, 26.449,  
302.810


 100, 26.449,  
302.810


 51, 26.449,  
302.810


 81, 26.449,  
302.810

 41, 26.449,  
302.810

 91, 26.449,  
302.810

 31, 26.449,  
302.810

 21, 26.449,  
302.810

 11, 26.449,  
302.810

 1, 26.449, 302.810

 0, 26.449, 302.810

61, 26.449,  
302.810

61, 26.449,  
302.810

55, 37.805,  
303.638

67, 15.458,  
302.070

49, 49.474,  
304.547

73, 4.850, 301.416

79, 5.383, 120.865

44, 61.316,  
305.512

85, 15.256,  
120.370

38, 73.032,  
306.476

91, 24.790,  
119.944

33, 84.062,  
307.338

96, 34.005,  
119.578

29, 93.494,  
307.941

98, 34.637,  
112.594

26, 100.185,  
308.099

99, 34.480,  
107.551

25, 102.926,



# Harmonies

# Complementary

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



61, 26.449, 302.810



74, 25.182, 119.692

# Rectangle

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



61, 26.449, 302.810



61, 26.449, 352.810



61, 26.449, 122.810



61, 26.449, 172.810

# Sweetspot

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



61, 26.447, 302.809



90, 8.997, 301.568



69, 13.257, 229.321



48, 5.899, 301.607



98, 0.011, 296.813



51, 0.007, 296.813





# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 26.447, 302.809



74, 40.166, 303.280



63, 28.792, 318.867



37, 5.969, 301.713



20, 90.983, 308.213



1, 17.643, 298.463



# Inverse Universe

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



64, 25.198, 335.295



78, 37.873, 335.736



72, 28.403, 136.603



37, 5.800, 334.184



35, 65.452, 343.389

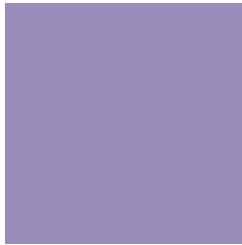


3, 16.325, 338.805



# Previews

## White Background



This preview shows how the CIELCh color 61, 26.449, 302.810 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, 26.449, 302.810 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, 26.449, 302.810

## Background



This preview shows how black text looks on a background with the CIELCh color 61, 26.449, 302.810.



This preview shows how white text looks on a background with the CIELCh color 61, 26.449, 302.810.

# 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



### Original Color

61, 26.449, 302.810


### Protanopia

61, 24.886, 285.168

### Deuteranopia

61, 23.670, 291.111





**Tritanopia**  
61, 6.257, 297.787

# Trichromacy



**Original Color**  
61, 26.449, 302.810

**Protanomaly**  
61, 25.351, 291.409

**Deuteranomaly**  
61, 24.296, 295.250

**Tritanomaly**  
61, 13.751, 300.851

# Monochromacy



**Original Color**  
61, 26.449, 302.810

**Achromatopsia**  
62, 0.008, 296.813

**Achromatomaly**  
62, 9.145, 300.533

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 61, 26.449, 302.810 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(153, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(153, 140, 186)  
}
```

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(153, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 140, 186) }
```

## Border

The CSS property to change the border of an element to CIELCh 61, 26.449, 302.810 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(153, 140, 186) }
```

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

```
.border{ border-color:rgb(153, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 140, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 140, 186);  
box-shadow:4px 4px 4px 4px rgb(153, 140,  
186) }
```

# Background

The CSS property to change the background color of an element to CIELCh 61, 26.449, 302.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 140, 186) }
```

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

```
.background{ background-color: rgb(153,  
140, 186) }
```

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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