

# Converting Colors

CIELCh(61, 34.593, 321.023)

Have a look what the booklet for  
CIELCh(61, 34.593, 321.023)  
contains.

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**Color**

**CIELCh(61, 34.395, 321.102)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B184BA
RGB	177, 132, 186
RGB Percent	69%, 52%, 73%
CMY	0.3073, 0.4836, 0.2720
CMYK	0.05, 0.29, 0.00, 0.27
HSL	290°, 28%, 62%
HSV	290°, 29%, 73%
XYZ	35.0829, 29.2481, 50.0547
YIQ	151.6110, 9.4860, 26.3340

# Conversions

## Conversions Part 2

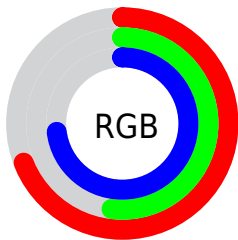
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 132, 186
Decimal	11633850
CIELab	61.00, 26.77, -21.60
CIELCh	61, 34.395, 321.102
Yxy	29.2481, 0.3067, 0.2557
Android (android.graphics.Color)	4289823930 (0xFFB184BA)
YUV	151.6110, 16.9538, 22.2662
Hunter-Lab	54.0815, 21.1509, -17.0182

# Details

The CIELCh color  $61, 34.395, 321.102$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $71, 34.032, 138.224$ , and the grayscale version is  $63, 0.008, 296.813$ .

A 20% lighter version of the original color is  $81, 33.953, 321.034$ , and  $41, 34.447, 321.158$  is the 20% darker color. If you saturate the color by 10%, you get  $56, 46.149, 321.529$ , and if you desaturate by 10%, it is  $66, 22.483, 320.650$ .

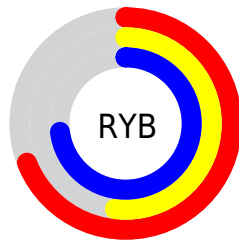
# Distribution



Red (69%)

Green (52%)

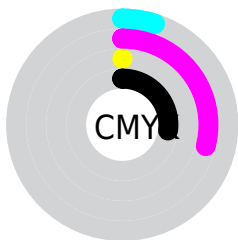
Blue (73%)



Red (69%)

Yellow (52%)

Blue (73%)

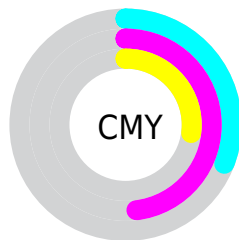


Cyan (5%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (48%)


Yellow (27%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.395, 321.102 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, 34.395, 321.102 by changing the saturation by 10% instead.





 61, 34.395,  
321.102


 61, 34.395,  
321.102


 100, 34.395,  
321.102


 51, 34.395,  
321.102


 81, 34.395,  
321.102

 41, 34.395,  
321.102

 91, 34.395,  
321.102

 31, 34.395,  
321.102

 21, 34.395,  
321.102

 11, 34.395,  
321.102

 1, 34.395, 321.102

 0, 34.395, 321.102

61, 34.395,  
321.102

61, 34.395,  
321.102

56, 46.149,  
321.529

66, 22.483,  
320.650

52, 57.457,  
321.908

71, 10.621,  
320.185

48, 67.916,  
322.208

76, 1.062, 139.951

45, 77.036,  
322.393

81, 12.488,  
139.344

42, 84.297,  
322.423

86, 23.614,  
138.928

40, 89.284,  
322.263

91, 34.420,  
138.543


39, 92.119,  
321.920

95, 40.994,  
137.871

39, 92.354,

95, 40.427,  
136.605

321.887

 95, 39.877,  
135.290

# Harmonies

# Complementary

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



61, 34.395, 321.102



71, 34.032, 138.224

# Rectangle

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



61, 34.395, 321.102



61, 34.395, 11.102



61, 34.395, 141.102



61, 34.395, 191.102

# Sweetspot

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



61, 34.393, 321.102



90, 13.076, 320.188



60, 25.063, 285.374



47, 9.171, 320.257



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, 34.393, 321.102



74, 51.376, 321.384



61, 28.897, 337.086



36, 6.572, 320.197



32, 81.015, 321.968



2, 17.444, 317.684



# Inverse Universe

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



61, 22.347, 8.945



74, 33.883, 9.923



71, 28.557, 152.629



36, 4.095, 6.594



32, 65.198, 31.083

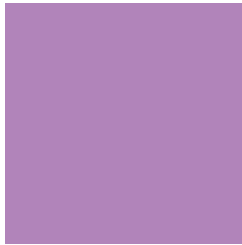


2, 10.829, 9.376



# Previews

## White Background



This preview shows how the CIELCh color 61, 34.395, 321.102 looks on a white background.

## Color Contrast Check

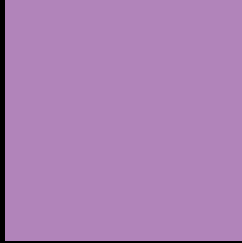
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.395, 321.102 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, 34.395, 321.102

## Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.395, 321.102.



This preview shows how white text looks on a background with the CIELCh color 61, 34.395, 321.102.


# 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, 13.792, 356.930

# Trichromacy



**Original Color**  
61, 34.395, 321.102

**Protanomaly**  
61, 28.997, 299.322

**Deuteranomaly**  
61, 25.553, 305.548

**Tritanomaly**  
61, 20.318, 335.647

# Monochromacy



**Original Color**  
61, 34.395, 321.102

**Achromatopsia**  
62, 0.008, 296.813

**Achromatomaly**  
62, 12.812, 319.327

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 61, 34.395, 321.102 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(177, 132, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 132, 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(177, 132, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 132, 186) }
```

## Border

The CSS property to change the border of an element to CIELCh 61, 34.395, 321.102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

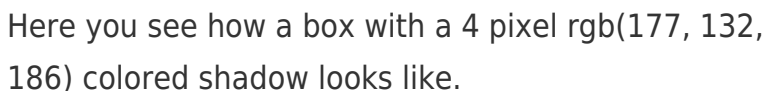
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 132, 186) }
```

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

```
.border{ border-color:rgb(177, 132, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 132, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 132, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 132, 186);  
box-shadow:4px 4px 4px 4px rgb(177, 132,  
186) }
```

# Background

The CSS property to change the background color of an element to CIELCh 61, 34.395, 321.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 132, 186) }
```

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

```
.background{ background-color: rgb(177,  
132, 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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