

Converting Colors

CIELCh(61, 40.777, 322.562)

Have a look what the booklet for
CIELCh(61, 40.777, 322.562)
contains.

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Color

CIELCh(61, 40.302, 322.478)

Conversions

Conversions Part 1

Format	Color
Hex	B780BF
RGB	183, 128, 191
RGB Percent	72%, 50%, 75%
CMY	0.2825, 0.4982, 0.2512
CMYK	0.04, 0.33, 0.00, 0.25
HSL	292°, 33%, 63%
HSV	292°, 33%, 75%
XYZ	36.6298, 29.2481, 52.9785
YIQ	151.6270, 12.5570, 31.2530

Conversions

Conversions Part 2

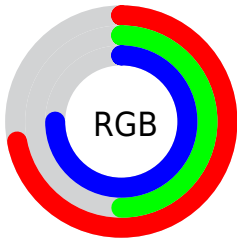
Format	Color
RYB	183, 128, 191
Decimal	12026047
CIELab	61.00, 31.96, -24.55
CIELCh	61, 40.302, 322.478
Yxy	29.2481, 0.3082, 0.2461
Android (android.graphics.Color)	4290216127 (0xFFB780BF)
YUV	151.6270, 19.4109, 27.5141
Hunter-Lab	54.0815, 26.2565, -20.2236

Details

The CIELCh color $61, 40.302, 322.478$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 39.965, 139.009$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 40.272, 322.380$, and $41, 39.862, 322.598$ is the 20% darker color. If you saturate the color by 10%, you get $57, 52.214, 322.902$, and if you desaturate by 10%, it is $66, 28.069, 322.019$.

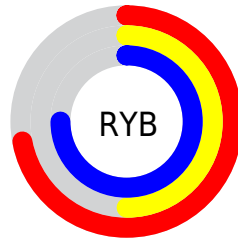
Distribution



Red (72%)

Green (50%)

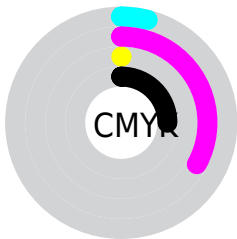
Blue (75%)



Red (72%)

Yellow (50%)

Blue (75%)

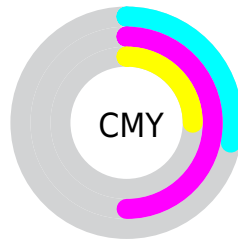


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (25%)



Cyan (28%)


Magenta (50%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 40.302, 322.478 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, 40.302, 322.478 by changing the saturation by 10% instead.


 61, 40.302,
322.478


 61, 40.302,
322.478


 100, 40.302,
322.478


 51, 40.302,
322.478


 81, 40.302,
322.478

 41, 40.302,
322.478

 91, 40.302,
322.478

 31, 40.302,
322.478

 21, 40.302,
322.478

 11, 40.302,
322.478

 1, 40.302, 322.478

 0, 40.302, 322.478

61, 40.302,
322.478

61, 40.302,
322.478

57, 52.214,
322.902

66, 28.069,
322.019

52, 63.451,
323.268

71, 15.779,
321.543

49, 73.551,
323.545

76, 3.607, 321.027

46, 81.998,
323.701

81, 8.339, 140.656

43, 88.312,
323.705

86, 19.993,
140.203

42, 92.213,
323.533

91, 31.322,
139.784

41, 93.865,
323.334

95, 38.375,
139.172

95, 37.917,
138.132

■ 95, 37.471,
137.058

Harmonies

Complementary

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



61, 40.302, 322.478



72, 39.965, 139.009

Rectangle

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



61, 40.302, 322.478



61, 40.302, 12.478



61, 40.302, 142.478



61, 40.302, 192.478

Sweetspot

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



61, 40.300, 322.478



91, 14.959, 321.405



58, 31.081, 288.650



48, 10.300, 321.475



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 40.300, 322.478



73, 60.068, 322.807



61, 32.414, 339.726



37, 6.801, 321.366



34, 81.606, 323.400



3, 20.176, 319.897

Inverse Universe

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



60, 26.093, 12.565



72, 39.749, 13.821



72, 31.831, 154.278



37, 4.146, 9.705



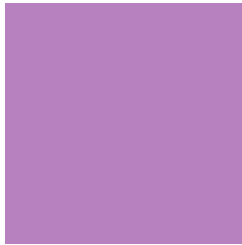
33, 67.770, 33.747



3, 12.372, 12.129

Previews

White Background



This preview shows how the CIELCh color 61, 40.302, 322.478 looks on a white background.

Color Contrast Check

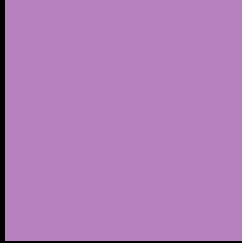
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.302, 322.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

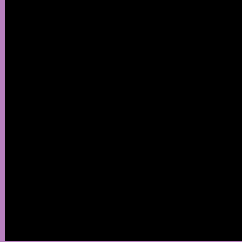
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 40.302, 322.478

Background



This preview shows how black text looks on a background with the CIELCh color 61, 40.302, 322.478.



This preview shows how white text looks on a background with the CIELCh color 61, 40.302, 322.478.

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, 16.822, 1.843

Trichromacy



Original Color
61, 40.302, 322.478

Protanomaly
61, 34.109, 299.373

Deuteranomaly
61, 28.929, 304.914

Tritanomaly
61, 23.613, 338.507

Monochromacy



Original Color
61, 40.302, 322.478

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 15.009, 321.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 40.302, 322.478 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(183, 128, 191)` looks like.

```
.text, #text, p{  
    color:rgb(183, 128, 191)  
}
```

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(183, 128, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 128, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 40.302, 322.478 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(183, 128, 191) }
```

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

```
.border{ border-color:rgb(183, 128, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 128, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 128, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 128, 191);  
box-shadow:4px 4px 4px 4px rgb(183, 128,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 40.302, 322.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 128, 191) }
```

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

```
.background{ background-color: rgb(183,  
128, 191) }
```

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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