

Converting Colors

CIELCh(61, 36.767, 325.070)

Have a look what the booklet for
CIELCh(61, 36.767, 325.070)
contains.

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Color

CIELCh(61, 36.894, 325.039)

Conversions

Conversions Part 1

Format	Color
Hex	B781B9
RGB	183, 129, 185
RGB Percent	72%, 51%, 73%
CMY	0.2826, 0.4943, 0.2747
CMYK	0.01, 0.30, 0.00, 0.27
HSL	298°, 29%, 62%
HSV	298°, 30%, 73%
XYZ	36.1104, 29.2481, 49.6115
YIQ	151.5300, 14.2080, 28.8640

Conversions

Conversions Part 2

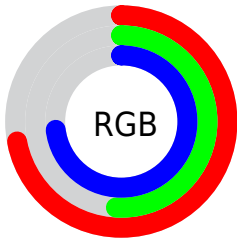
Format	Color
RYB	183, 129, 185
Decimal	12026297
CIELab	61.00, 30.24, -21.14
CIELCh	61, 36.894, 325.039
Yxy	29.2481, 0.3141, 0.2544
Android (android.graphics.Color)	4290216377 (0xFFB781B9)
YUV	151.5300, 16.5007, 27.5992
Hunter-Lab	54.0815, 24.5421, -16.5324

Details

The CIELCh color $61, 36.894, 325.039$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $70, 36.824, 141.500$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 36.588, 325.271$, and $41, 36.756, 324.846$ is the 20% darker color. If you saturate the color by 10%, you get $57, 48.726, 325.520$, and if you desaturate by 10%, it is $65, 24.721, 324.529$.

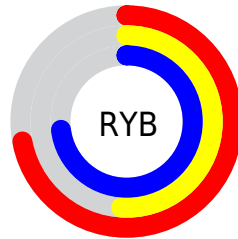
Distribution



Red (72%)

Green (51%)

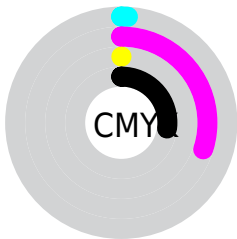
Blue (73%)



Red (72%)

Yellow (51%)

Blue (73%)

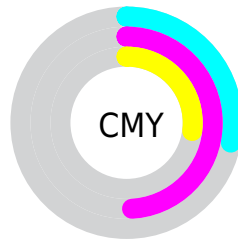


Cyan (1%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (28%)


Magenta (49%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 36.894, 325.039 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, 36.894, 325.039 by changing the saturation by 10% instead.


 61, 36.894,
325.039


 61, 36.894,
325.039


 100, 36.894,
325.039


 51, 36.894,
325.039


 81, 36.894,
325.039

 41, 36.894,
325.039

 91, 36.894,
325.039

 31, 36.894,
325.039

 21, 36.894,
325.039

 11, 36.894,
325.039

 1, 36.894, 325.039

 0, 36.894, 325.039

61, 36.894,
325.039

61, 36.894,
325.039

57, 48.726,
325.520

65, 24.721,
324.529

53, 59.870,
325.955

70, 12.476,
324.001

50, 69.886,
326.324

75, 0.340, 322.810

47, 78.297,
326.607

80, 11.569,
143.016

45, 84.676,
326.786

85, 23.181,
142.517


44, 88.777,
326.852

90, 34.459,
142.046

43, 90.946,
326.827

94, 43.372,
141.640

94, 43.240,
141.409

 94, 43.109,
141.176

Harmonies

Complementary

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



61, 36.894, 325.039



70, 36.824, 141.500

Rectangle

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



61, 36.894, 325.039



61, 36.894, 15.039



61, 36.894, 145.039



61, 36.894, 195.039

Sweetspot

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



61, 36.892, 325.039



89, 13.481, 323.940



57, 30.404, 291.918



47, 9.370, 324.018



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 36.892, 325.039



74, 53.959, 325.347



60, 27.468, 343.679



36, 6.834, 323.950



36, 80.025, 326.846



3, 18.485, 323.227

Inverse Universe

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



60, 23.207, 19.186



72, 34.782, 20.067



71, 26.701, 158.355



36, 4.004, 17.022



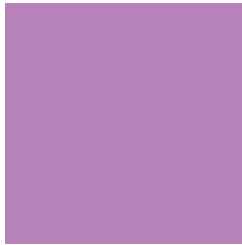
32, 70.520, 38.154



2, 10.651, 17.231

Previews

White Background



This preview shows how the CIELCh color 61, 36.894, 325.039 looks on a white background.

Color Contrast Check

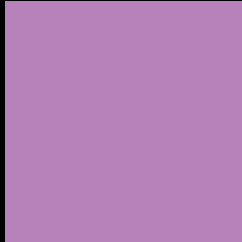
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.894, 325.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

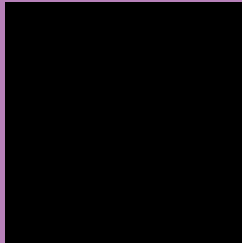
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 36.894, 325.039

Background



This preview shows how black text looks on a background with the CIELCh color 61, 36.894, 325.039.



This preview shows how white text looks on a background with the CIELCh color 61, 36.894, 325.039.

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, 17.754, 1.104

Trichromacy



Original Color
61, 36.894, 325.039

Protanomaly
61, 30.221, 300.473

Deuteranomaly
61, 25.831, 307.891

Tritanomaly
61, 23.848, 340.919

Monochromacy



Original Color
61, 36.894, 325.039

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 13.602, 325.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 36.894, 325.039 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, 129, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 129, 185)  
}
```

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, 129, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 129, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 36.894, 325.039 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, 129, 185) }
```

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

```
.border{ border-color:rgb(183, 129, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 129, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 129, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 129, 185);  
box-shadow:4px 4px 4px 4px rgb(183, 129,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 36.894, 325.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 129, 185) }
```

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

```
.background{ background-color: rgb(183,  
129, 185) }
```

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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