

Converting Colors

CIELCh(61, 44.811, 326.338)

Have a look what the booklet for
CIELCh(61, 44.811, 326.338)
contains.

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Color

CIELCh(61, 44.757, 326.333)

Conversions

Conversions Part 1

Format	Color
Hex	C07CC0
RGB	192, 124, 192
RGB Percent	75%, 49%, 75%
CMY	0.2488, 0.5153, 0.2488
CMYK	0.00, 0.35, 0.00, 0.25
HSL	300°, 35%, 62%
HSV	300°, 35%, 75%
XYZ	38.2494, 29.2481, 53.2468
YIQ	152.0840, 18.7000, 35.5640

Conversions

Conversions Part 2

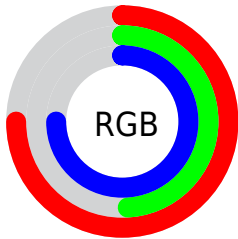
Format	Color
R _Y B	192, 124, 192
Decimal	12614848
CIE Lab	61.00, 37.25, -24.81
CIE LCh	61, 44.757, 326.333
Yxy	29.2481, 0.3168, 0.2422
Android (android.graphics.Color)	4290804928 (0xFFC07CC0)
YUV	152.0840, 19.6786, 35.0063
Hunter-Lab	54.0815, 31.6023, -20.5178

Details

The CIELCh color $61, 44.757, 326.333$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 44.799, 141.865$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 44.681, 325.999$, and $41, 44.702, 326.383$ is the 20% darker color. If you saturate the color by 10%, you get $57, 56.628, 326.819$, and if you desaturate by 10%, it is $65, 32.302, 325.812$.

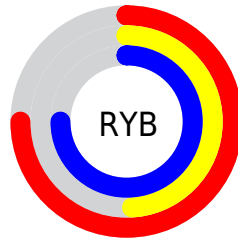
Distribution



Red (75%)

Green (49%)

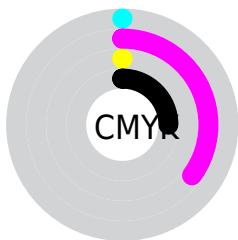
Blue (75%)



Red (75%)

Yellow (49%)

Blue (75%)

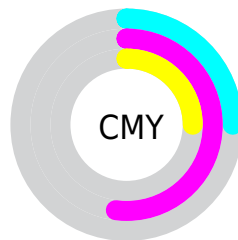


Cyan (0%)

Magenta (35%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (52%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 44.757, 326.333 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, 44.757, 326.333 by changing the saturation by 10% instead.

 61, 44.757,
326.333


 61, 44.757,
326.333


 100, 44.757,
326.333


 51, 44.757,
326.333


 81, 44.757,
326.333

 41, 44.757,
326.333

 91, 44.757,
326.333

 31, 44.757,
326.333

 21, 44.757,
326.333

 11, 44.757,
326.333

 1, 44.757, 326.333

 0, 44.757, 326.333

61, 44.757,
326.333

61, 44.757,
326.333

57, 56.628,
326.819

65, 32.302,
325.812

53, 67.496,
327.252

70, 19.604,
325.269

51, 76.881,
327.617

75, 6.907, 324.701

80, 5.623, 144.243

48, 84.319,
327.900

85, 17.881,
143.686

47, 89.487,
328.093

90, 29.805,
143.175

46, 92.334,
328.197

95, 39.764,
142.756

46, 93.198,
328.229

95, 39.764,
142.755

■ 95, 39.763,
142.755

Harmonies

Complementary

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



61, 44.757, 326.333



72, 44.799, 141.865

Rectangle

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



61, 44.757, 326.333



61, 44.757, 16.333



61, 44.757, 146.333



61, 44.757, 196.333

Sweetspot

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



61, 44.755, 326.333



92, 17.252, 325.029



55, 38.456, 294.101



48, 11.597, 325.106



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, 44.755, 326.333



74, 66.636, 326.735



60, 32.459, 346.090



38, 7.225, 324.928



38, 81.806, 328.229



4, 24.212, 326.355

Inverse Universe

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



59, 28.672, 22.591



71, 44.320, 23.872



72, 31.217, 159.416



38, 4.187, 19.913



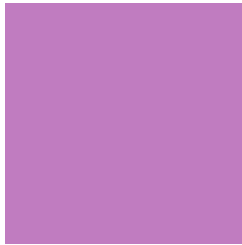
33, 73.724, 39.720



3, 13.999, 19.400

Previews

White Background



This preview shows how the CIELCh color 61, 44.757, 326.333 looks on a white background.

Color Contrast Check

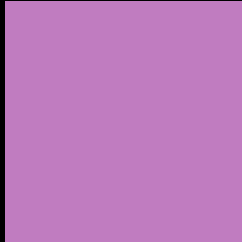
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.757, 326.333 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, 44.757, 326.333

Background



This preview shows how black text looks on a background with the CIELCh color 61, 44.757, 326.333.

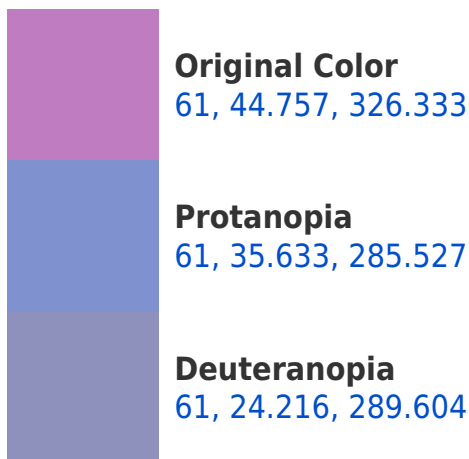


This preview shows how white text looks on a background with the CIELCh color 61, 44.757, 326.333.

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, 21.689, 5.421

Trichromacy



Original Color
61, 44.757, 326.333



Protanomaly
61, 37.102, 301.206



Deuteranomaly
61, 30.459, 307.804



Tritanomaly
61, 27.797, 344.032

Monochromacy



Original Color
61, 44.757, 326.333



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 16.283, 325.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 44.757, 326.333 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(192, 124, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 124, 192)  
}
```

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(192, 124, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 124, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 44.757, 326.333 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(192, 124, 192) }
```

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

```
.border{ border-color:rgb(192, 124, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 124, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 124, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 124, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 124,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 44.757, 326.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 124, 192) }
```

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

```
.background{ background-color: rgb(192,  
124, 192) }
```

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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