

Converting Colors

CIELCh(61, 52.426, 326.604)

Have a look what the booklet for
CIELCh(61, 52.426, 326.604)
contains.

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Color

CIELCh(61, 52.650, 326.600)

Conversions

Conversions Part 1

Format	Color
Hex	C776C7
RGB	199, 118, 199
RGB Percent	78%, 46%, 78%
CMY	0.2194, 0.5370, 0.2194
CMYK	0.00, 0.41, 0.00, 0.22
HSL	300°, 42%, 62%
HSV	300°, 41%, 78%
XYZ	40.3717, 29.2481, 57.5883
YIQ	151.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

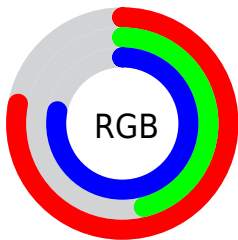
Format	Color
R _Y B	199, 118, 199
Decimal	13072071
CIE Lab	61.00, 43.95, -28.98
CIE LCh	61, 52.650, 326.600
Yxy	29.2481, 0.3174, 0.2299
Android (android.graphics.Color)	4291262151 (0xFFC776C7)
YUV	151.4530, 23.4407, 41.6987
Hunter-Lab	54.0815, 38.6068, -25.2774

Details

The CIELCh color $61, 52.650, 326.600$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $74, 52.761, 141.353$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 51.883, 326.215$, and $41, 52.907, 326.397$ is the 20% darker color. If you saturate the color by 10%, you get $57, 64.404, 327.061$, and if you desaturate by 10%, it is $65, 40.068, 326.094$.

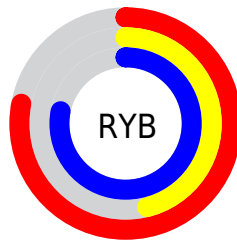
Distribution



Red (78%)

Green (46%)

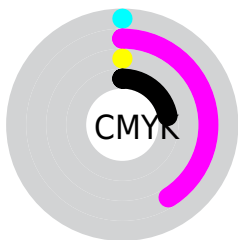
Blue (78%)



Red (78%)

Yellow (46%)

Blue (78%)

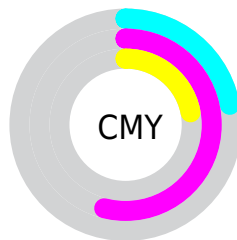


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (22%)



Cyan (22%)


Magenta (54%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 52.650, 326.600 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, 52.650, 326.600 by changing the saturation by 10% instead.

 61, 52.650,
326.600

 61, 52.650,
326.600


 100, 52.650,
326.600


 51, 52.650,
326.600


 81, 52.650,
326.600

 41, 52.650,
326.600

 91, 52.650,
326.600

 31, 52.650,
326.600

 21, 52.650,
326.600

 11, 52.650,
326.600

 1, 52.650, 326.600

 0, 52.650, 326.600

61, 52.650,
326.600

61, 52.650,
326.600

57, 64.404,
327.061

65, 40.068,
326.094

54, 74.861,
327.461

70, 27.063,
325.560

51, 83.516,
327.784

75, 13.937,
325.007

49, 89.951,
328.020

80, 0.902, 324.196

48, 93.964,
328.164

85, 11.901,
143.968

47, 95.905,
328.234

90, 24.387,
143.438

95, 35.062,
142.997

95, 35.062,
142.998

■ 95, 35.062,
142.998

Harmonies

Complementary

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



61, 52.650, 326.600



74, 52.761, 141.353

Rectangle

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



61, 52.650, 326.600



61, 52.650, 16.600



61, 52.650, 146.600



61, 52.650, 196.600

Sweetspot

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



61, 52.648, 326.600



93, 19.140, 325.090



53, 46.860, 295.647



48, 12.704, 325.164



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 52.648, 326.600



73, 76.287, 327.019



60, 37.975, 347.702



39, 7.382, 324.933



39, 82.758, 328.234



4, 26.741, 327.027

Inverse Universe

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



61, 52.648, 326.600



73, 76.287, 327.019



74, 36.203, 159.632



39, 7.382, 324.933



39, 82.758, 328.234



4, 26.741, 327.027

Previews

White Background



This preview shows how the CIELCh color 61, 52.650, 326.600 looks on a white background.

Color Contrast Check

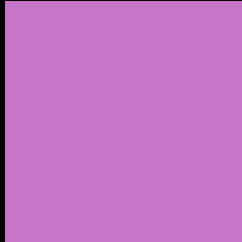
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.650, 326.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

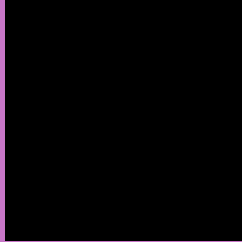
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 52.650, 326.600

Background



This preview shows how black text looks on a background with the CIELCh color 61, 52.650, 326.600.

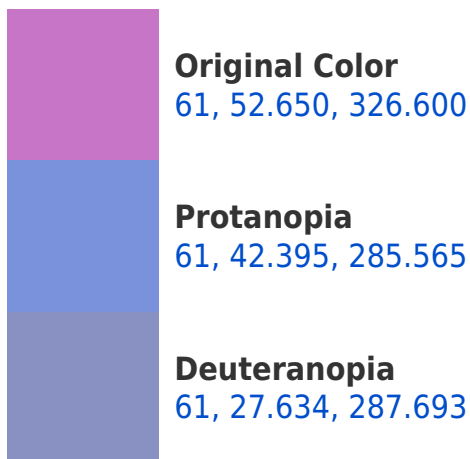



This preview shows how white text looks on a background with the CIELCh color 61, 52.650, 326.600.

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, 25.249, 9.558

Trichromacy



Original Color
61, 52.650, 326.600



Protanomaly
60, 43.847, 300.983



Deuteranomaly
61, 35.609, 307.589

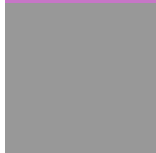


Tritanomaly
61, 32.940, 345.796

Monochromacy



Original Color
61, 52.650, 326.600



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 19.629, 325.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 52.650, 326.600 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(199, 118, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 118, 199)  
}
```

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(199, 118, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 118, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 52.650, 326.600 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(199, 118, 199) }
```

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

```
.border{ border-color:rgb(199, 118, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 118, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 118, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 118, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 118,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 52.650, 326.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 118, 199) }
```

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

```
.background{ background-color: rgb(199,  
118, 199) }
```

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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