

Converting Colors

CIELCh(62, 60.861, 318.687)

Have a look what the booklet for
CIELCh(62, 60.861, 318.687)
contains.

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Color

CIELCh(62, 60.816, 318.680)

Conversions

Conversions Part 1

Format	Color
Hex	C379DE
RGB	195, 121, 222
RGB Percent	76%, 47%, 87%
CMY	0.2367, 0.5268, 0.1308
CMYK	0.12, 0.46, 0.00, 0.13
HSL	284°, 60%, 67%
HSV	284°, 46%, 87%
XYZ	42.3463, 30.4025, 72.4906
YIQ	154.6400, 11.6830, 47.0990

Conversions

Conversions Part 2

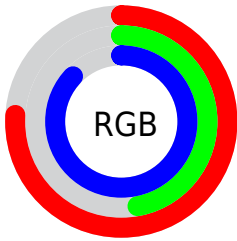
Format	Color
RYB	195, 121, 222
Decimal	12810718
CIELab	62.00, 45.67, -40.15
CIELCh	62, 60.816, 318.680
Yxy	30.4025, 0.2916, 0.2093
Android (android.graphics.Color)	4291000798 (0xFFC379DE)
YUV	154.6400, 33.2085, 35.3957
Hunter-Lab	55.1385, 40.5953, -39.3516

Details

The CIELCh color `62, 60.816, 318.680` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `82, 59.115, 134.362`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 49.723, 325.434`, and `42, 60.826, 318.711` is the 20% darker color. If you saturate the color by 10%, you get `57, 73.433, 319.005`, and if you desaturate by 10%, it is `67, 47.558, 318.285`.

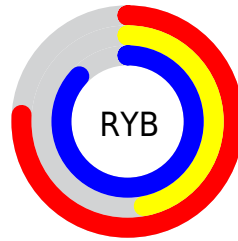
Distribution



Red (76%)

Green (47%)

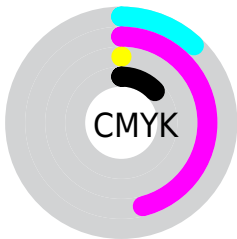
Blue (87%)



Red (76%)

Yellow (47%)

Blue (87%)

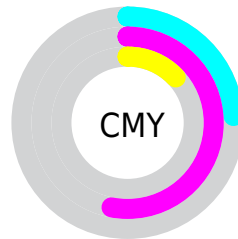


Cyan (12%)

Magenta (46%)

Yellow (0%)

Black (13%)



Cyan (24%)


Magenta (53%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 60.816, 318.680 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 62, 60.816, 318.680 by changing the saturation by 10% instead.


 62, 60.816,
318.680


 62, 60.816,
318.680


 100, 60.816,
318.680


 52, 60.816,
318.680


 82, 60.816,
318.680

 42, 60.816,
318.680


 92, 60.816,
318.680

 32, 60.816,
318.680

 22, 60.816,
318.680

 12, 60.816,
318.680

 2, 60.816, 318.680

 0, 60.816, 318.680

62, 60.816,
318.680

62, 60.816,
318.680

57, 73.433,
319.005

67, 47.558,
318.285

52, 84.878,
319.213

73, 34.058,
317.855

49, 94.494,
319.250

79, 20.576,
317.412

46, 101.628,
319.054

85, 7.279, 316.963

43, 105.870,
318.578


91, 5.734, 136.613

43, 107.144,
318.311

97, 18.411,
136.200

98, 18.304,
130.770

98, 17.581,
124.410

 99, 17.097,
117.517

Harmonies

Complementary

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



62, 60.816, 318.680



82, 59.115, 134.362

Rectangle

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



62, 60.816, 318.680



62, 60.816, 8.680



62, 60.816, 138.680



62, 60.816, 188.680

Sweetspot

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



62, 60.814, 318.680



91, 20.721, 317.348



62, 40.985, 282.737



47, 14.333, 317.445



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 60.814, 318.680



65, 81.470, 319.001



64, 55.156, 334.211



43, 7.401, 317.140



33, 89.137, 318.455



5, 33.064, 318.585

Inverse Universe

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



63, 42.244, 4.228



66, 57.146, 6.386



81, 55.069, 147.132



43, 4.927, 359.099



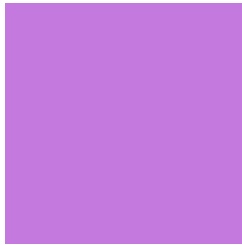
36, 66.664, 23.702



5, 23.827, 8.587

Previews

White Background



This preview shows how the CIELCh color 62, 60.816, 318.680 looks on a white background.

Color Contrast Check

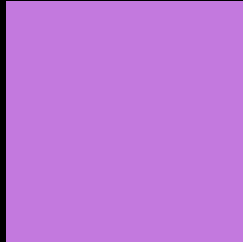
Large Text (above 18pt) WCAG AA × Fail

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 62, 60.816, 318.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

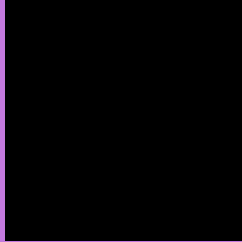
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 60.816, 318.680

Background



This preview shows how black text looks on a background with the CIELCh color 62, 60.816, 318.680.

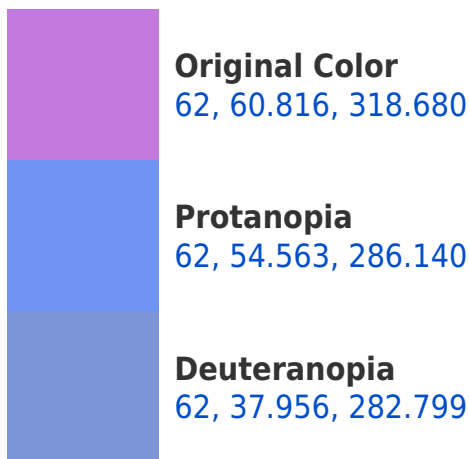


This preview shows how white text looks on a background with the CIELCh color 62, 60.816, 318.680.

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
62, 19.641, 3.400

Trichromacy



Original Color
62, 60.816, 318.680



Protanomaly
61, 55.674, 297.391



Deuteranomaly
62, 44.641, 299.216



Tritanomaly
62, 32.345, 333.522

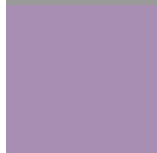
Monochromacy



Original Color
62, 60.816, 318.680



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 23.056, 317.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 60.816, 318.680 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(195, 121, 222)` looks like.

```
.text, #text, p{  
    color:rgb(195, 121, 222)  
}
```

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(195, 121, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 121, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 60.816, 318.680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

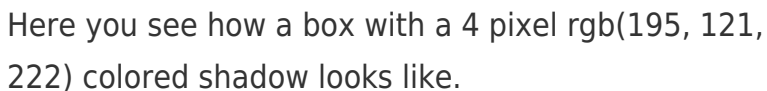
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 121, 222) }
```

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

```
.border{ border-color:rgb(195, 121, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 121, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 121, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 121, 222); box-shadow:4px 4px 4px 4px rgb(195, 121, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 60.816, 318.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 121, 222) }
```

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

```
.background{ background-color: rgb(195,  
121, 222) }
```

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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