

Converting Colors

CIELCh(62, 56.631, 322.532)

Have a look what the booklet for
CIELCh(62, 56.631, 322.532)
contains.

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Color

CIELCh(62, 56.575, 322.428)

Conversions

Conversions Part 1

Format	Color
Hex	C779D4
RGB	199, 121, 212
RGB Percent	78%, 47%, 83%
CMY	0.2212, 0.5270, 0.1702
CMYK	0.06, 0.43, 0.00, 0.17
HSL	291°, 51%, 65%
HSV	291°, 43%, 83%
XYZ	42.0694, 30.4025, 65.6711
YIQ	154.6960, 17.2770, 44.8370

Conversions

Conversions Part 2

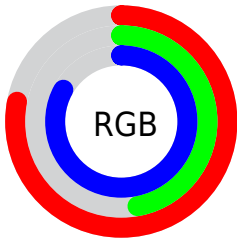
Format	Color
R _Y B	199, 121, 212
Decimal	13072852
CIE Lab	62.00, 44.84, -34.50
CIE LCh	62, 56.575, 322.428
Yxy	30.4025, 0.3045, 0.2201
Android (android.graphics.Color)	4291262932 (0xFFC779D4)
YUV	154.6960, 28.2509, 38.8546
Hunter-Lab	55.1385, 39.6989, -32.0187

Details

The CIELCh color $62, 56.575, 322.428$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $78, 55.954, 137.838$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 50.046, 326.153$, and $42, 56.719, 322.344$ is the 20% darker color. If you saturate the color by 10%, you get $57, 68.774, 322.787$, and if you desaturate by 10%, it is $67, 43.647, 322.008$.

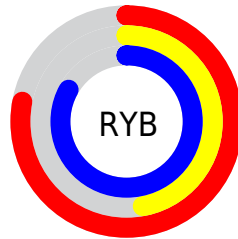
Distribution



Red (78%)

Green (47%)

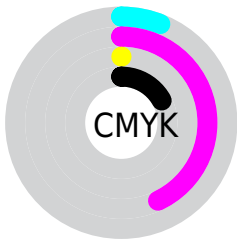
Blue (83%)



Red (78%)

Yellow (47%)

Blue (83%)

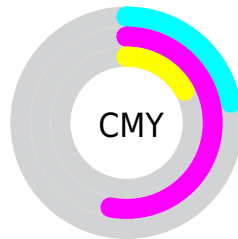


Cyan (6%)

Magenta (43%)

Yellow (0%)

Black (17%)



Cyan (22%)


Magenta (53%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 56.575, 322.428 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, 56.575, 322.428 by changing the saturation by 10% instead.


 62, 56.575,
322.428


 62, 56.575,
322.428


 100, 56.575,
322.428


 52, 56.575,
322.428


 82, 56.575,
322.428

 42, 56.575,
322.428

 92, 56.575,
322.428

 32, 56.575,
322.428

 22, 56.575,
322.428

 12, 56.575,
322.428

 2, 56.575, 322.428

 0, 56.575, 322.428

62, 56.575,
322.428

62, 56.575,
322.428

57, 68.774,
322.787

67, 43.647,
322.008

53, 79.743,
323.054

72, 30.389,
321.552

50, 88.906,
323.192

78, 17.080,
321.079

48, 95.725,
323.165

83, 3.906, 320.568

46, 99.888,
322.950

89, 9.015, 140.201

45, 101.551,
322.708

94, 21.616,
139.754

97, 25.583,
138.324

97, 25.043,
136.266

■ 97, 24.536,
134.102

Harmonies

Complementary

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



62, 56.575, 322.428



78, 55.954, 137.838

Rectangle

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



62, 56.575, 322.428



62, 56.575, 12.428



62, 56.575, 142.428



62, 56.575, 192.428

Sweetspot

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



62, 56.573, 322.428



92, 19.885, 321.086



58, 43.978, 289.795



48, 13.935, 321.193



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, 56.573, 322.428



69, 78.581, 322.773



62, 46.079, 339.895



41, 7.368, 320.906



36, 85.613, 322.792



5, 29.867, 322.445

Inverse Universe

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



61, 37.827, 13.096



67, 54.001, 15.153



78, 45.284, 152.412



41, 4.531, 8.463



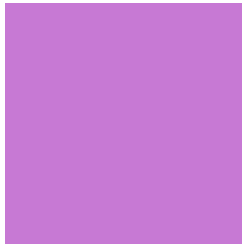
35, 70.428, 33.024



4, 20.109, 12.825

Previews

White Background



This preview shows how the CIELCh color 62, 56.575, 322.428 looks on a white background.

Color Contrast Check

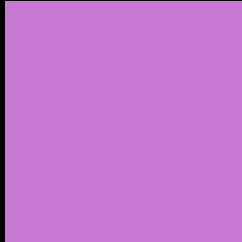
Large Text (above 18pt) WCAG AA × Fail

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, 56.575, 322.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

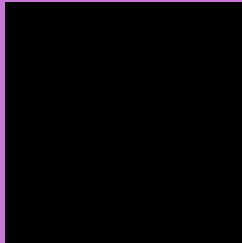
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 56.575, 322.428

Background



This preview shows how black text looks on a background with the CIELCh color 62, 56.575, 322.428.

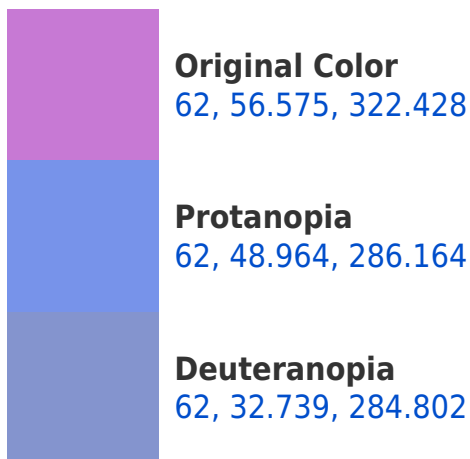


This preview shows how white text looks on a background with the CIELCh color 62, 56.575, 322.428.

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, 22.809, 6.412

Trichromacy



Original Color
62, 56.575, 322.428

Protanomaly
61, 50.246, 299.153

Deuteranomaly
61, 39.964, 302.730

Tritanomaly
62, 32.390, 339.620

Monochromacy



Original Color
62, 56.575, 322.428

Achromatopsia
64, 0.008, 296.813

Achromatomaly
62, 21.265, 321.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 56.575, 322.428 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, 121, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 121, 212)  
}
```

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, 121, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 121, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 56.575, 322.428 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, 121, 212) }
```

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

```
.border{ border-color:rgb(199, 121, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 121, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 121, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 121, 212);  
box-shadow:4px 4px 4px 4px rgb(199, 121,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 56.575, 322.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 121, 212) }
```

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

```
.background{ background-color: rgb(199,  
121, 212) }
```

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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