

Converting Colors

CIELCh(61, 55.770, 323.226)

Have a look what the booklet for
CIELCh(61, 55.770, 323.226)
contains.

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Color

CIELCh(61, 55.787, 323.015)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C476CF |
| RGB | 196, 118, 207 |
| RGB Percent | 77%, 46%, 81% |
| CMY | 0.2309, 0.5368, 0.1877 |
| CMYK | 0.05, 0.43, 0.00, 0.19 |
| HSL | 293°, 48%, 64% |
| HSV | 293°, 43%, 81% |
| XYZ | 40.5677, 29.2481, 62.6191 |
| YIQ | 151.4680, 17.9190, 44.2150 |

Conversions

Conversions Part 2

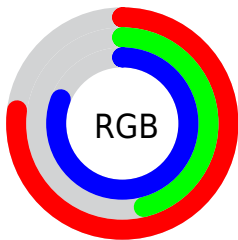
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 196, 118, 207 |
| Decimal | 12875471 |
| CIE _{Lab} | 61.00, 44.56, -33.56 |
| CIE _{LCh} | 61, 55.787, 323.015 |
| Yxy | 29.2481, 0.3063, 0.2208 |
| Android (android.graphics.Color) | 4291065551 (0xFFC476CF) |
| YUV | 151.4680, 27.3773, 39.0546 |
| Hunter-Lab | 54.0815, 39.2540, -30.7927 |

Details

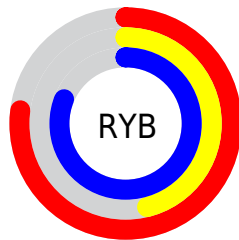
The CIELCh color $61, 55.787, 323.015$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $76, 55.295, 138.319$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 51.724, 325.868$, and $41, 55.856, 322.962$ is the 20% darker color. If you saturate the color by 10%, you get $57, 67.763, 323.382$, and if you desaturate by 10%, it is $66, 43.064, 322.588$.

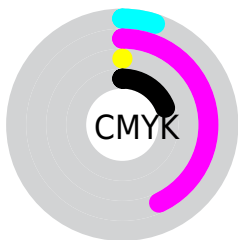
Distribution



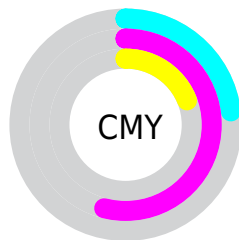
- Red (77%)
- Green (46%)
- Blue (81%)



- Red (77%)
- Yellow (46%)
- Blue (81%)



- Cyan (5%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)





- Cyan (23%)
- Magenta (54%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 55.787, 323.015 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, 55.787, 323.015 by changing the saturation by 10% instead.


 61, 55.787,
323.015


 61, 55.787,
323.015


 100, 55.787,
323.015


 51, 55.787,
323.015


 81, 55.787,
323.015

 41, 55.787,
323.015

 91, 55.787,
323.015

 31, 55.787,
323.015

 21, 55.787,
323.015

 11, 55.787,
323.015

 1, 55.787, 323.015

 0, 55.787, 323.015

61, 55.787,
323.015

61, 55.787,
323.015

57, 67.763,
323.382

66, 43.064,
322.588

53, 78.499,
323.660

71, 29.992,
322.125

50, 87.435,
323.815

76, 16.852,
321.645

47, 94.062,
323.816

82, 3.834, 321.125

87, 8.940, 140.750


46, 98.095,
323.642

93, 21.401,
140.292

45, 99.713,
323.436

96, 28.623,
139.456

96, 28.146,
137.943

 96, 27.688,
136.368

Harmonies

Complementary

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



61, 55.787, 323.015



76, 55.295, 138.319

Rectangle

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



61, 55.787, 323.015



61, 55.787, 13.015



61, 55.787, 143.015



61, 55.787, 193.015

Sweetspot

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



61, 55.785, 323.015



92, 19.996, 321.654



56, 44.078, 290.585



48, 14.012, 321.763



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, 55.785, 323.015



69, 78.801, 323.371



61, 44.787, 340.709



41, 7.410, 321.471



36, 85.427, 323.503



5, 30.048, 323.203

Inverse Universe

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



60, 37.177, 14.554



67, 54.139, 16.621



77, 43.898, 153.113



41, 4.511, 9.988



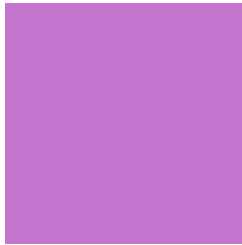
35, 71.318, 34.210



4, 20.083, 13.719

Previews

White Background



This preview shows how the CIELCh color 61, 55.787, 323.015 looks on a white background.

Color Contrast Check

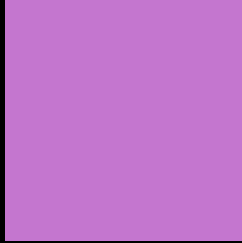
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.787, 323.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

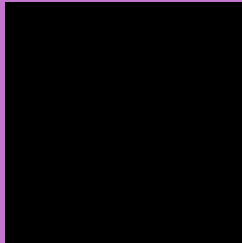
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 55.787, 323.015

Background



This preview shows how black text looks on a background with the CIELCh color 61, 55.787, 323.015.



This preview shows how white text looks on a background with the CIELCh color 61, 55.787, 323.015.

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



Original Color
61, 55.787, 323.015

Protanopia
61, 47.448, 285.697

Deuteranopia
61, 31.681, 284.930



Tritanopia
61, 22.897, 6.473

Trichromacy



Original Color
61, 55.787, 323.015

Protanomaly
60, 48.713, 299.214

Deuteranomaly
61, 39.007, 303.430

Tritanomaly
61, 32.143, 340.433

Monochromacy



Original Color
61, 55.787, 323.015

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 20.835, 321.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 55.787, 323.015 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(196, 118, 207)` looks like.

```
.text, #text, p{  
    color:rgb(196, 118, 207)  
}
```

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(196, 118, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 118, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 55.787, 323.015 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(196, 118, 207) }
```

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

```
.border{ border-color:rgb(196, 118, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 118, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 118, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 118, 207);  
box-shadow:4px 4px 4px 4px rgb(196, 118,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 55.787, 323.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 118, 207) }
```

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

```
.background{ background-color: rgb(196,  
118, 207) }
```

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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