

Converting Colors

CIELCh(61, 45.382, 331.843)

Have a look what the booklet for
CIELCh(61, 45.382, 331.843)
contains.

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Color

CIELCh(61, 45.395, 331.840)

Conversions

Conversions Part 1

Format	Color
Hex	C779BA
RGB	199, 121, 186
RGB Percent	78%, 47%, 73%
CMY	0.2207, 0.5265, 0.2717
CMYK	0.00, 0.39, 0.07, 0.22
HSL	310°, 41%, 63%
HSV	310°, 39%, 78%
XYZ	39.1175, 29.2481, 49.8853
YIQ	151.7320, 25.6230, 36.7510

Conversions

Conversions Part 2

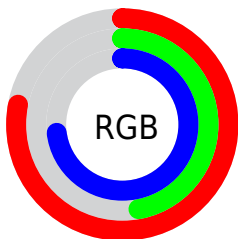
Format	Color
RYB	199, 121, 186
Decimal	13072826
CIELab	61.00, 40.02, -21.42
CIELCh	61, 45.395, 331.840
Yxy	29.2481, 0.3308, 0.2473
Android (android.graphics.Color)	4291262906 (0xFFC779BA)
YUV	151.7320, 16.8941, 41.4540
Hunter-Lab	54.0815, 34.4674, -16.8325

Details

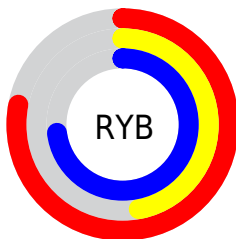
The CIELCh color $61, 45.395, 331.840$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $74, 45.336, 146.244$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 44.820, 331.213$, and $41, 45.454, 331.889$ is the 20% darker color. If you saturate the color by 10%, you get $57, 56.061, 332.500$, and if you desaturate by 10%, it is $66, 34.056, 331.190$.

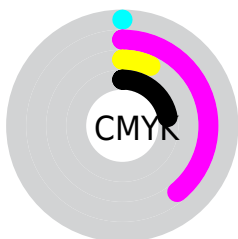
Distribution



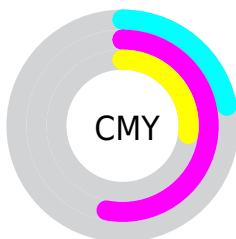
- Red (78%)
- Green (47%)
- Blue (73%)



- Red (78%)
- Yellow (47%)
- Blue (73%)



- Cyan (0%)
- Magenta (39%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (53%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 45.395, 331.840 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, 45.395, 331.840 by changing the saturation by 10% instead.


 61, 45.395,
331.840


 61, 45.395,
331.840


 100, 45.395,
331.840


 51, 45.395,
331.840


 81, 45.395,
331.840

 41, 45.395,
331.840

 91, 45.395,
331.840

 31, 45.395,
331.840

 21, 45.395,
331.840

 11, 45.395,
331.840

 1, 45.395, 331.840

 0, 45.395, 331.840

61, 45.395,
331.840

61, 45.395,
331.840

57, 56.061,
332.500

66, 34.056,
331.190

53, 65.607,
333.169

70, 22.408,
330.551

50, 73.522,
333.854

75, 10.710,
329.917

48, 79.331,
334.568

81, 0.866, 149.691

46, 82.739,
335.335

86, 12.209,
148.795


45, 83.984,
336.174

91, 23.257,
148.233

45, 84.053,
336.239

95, 31.072,
148.301

95, 29.756,
150.329

 95, 28.473,
152.532

Harmonies

Complementary

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



61, 45.395, 331.840



74, 45.336, 146.244

Rectangle

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



61, 45.395, 331.840



61, 45.395, 21.840



61, 45.395, 151.840



61, 45.395, 201.840

Sweetspot

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



61, 45.393, 331.840



92, 17.061, 330.104



55, 45.093, 299.902



48, 11.325, 330.188



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, 45.393, 331.840



73, 65.726, 332.397



60, 34.030, 357.135



39, 6.579, 329.926



37, 72.757, 336.104



4, 23.124, 333.423

Inverse Universe

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



61, 45.393, 331.840



73, 65.726, 332.397



75, 30.923, 168.555



39, 6.579, 329.926



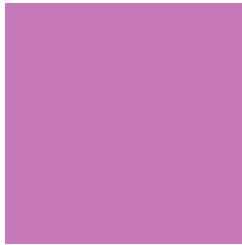
37, 72.757, 336.104



4, 23.124, 333.423

Previews

White Background



This preview shows how the CIELCh color 61, 45.395, 331.840 looks on a white background.

Color Contrast Check

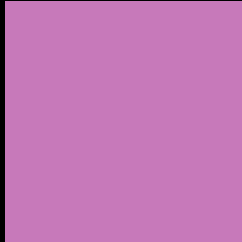
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.395, 331.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

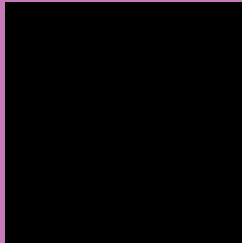
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 45.395, 331.840

Background



This preview shows how black text looks on a background with the CIELCh color 61, 45.395, 331.840.

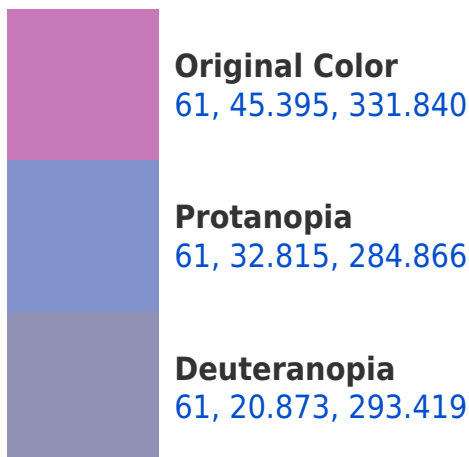


This preview shows how white text looks on a background with the CIELCh color 61, 45.395, 331.840.

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, 26.088, 10.088

Trichromacy



Original Color
61, 45.395, 331.840



Protanomaly
61, 34.534, 303.868



Deuteranomaly
61, 28.567, 314.150



Tritanomaly
61, 31.021, 350.513

Monochromacy



Original Color
61, 45.395, 331.840



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 17.199, 329.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 45.395, 331.840 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(199, 121, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 121, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 45.395, 331.840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

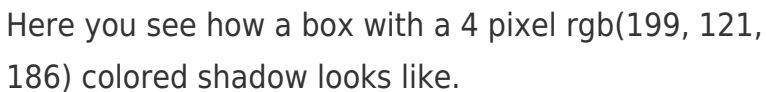
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 121, 186) }
```

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

```
.border{ border-color:rgb(199, 121, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 121, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 121, 186); box-shadow:4px 4px 4px 4px rgb(199, 121, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 45.395, 331.840 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, 186) }
```

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

```
.background{ background-color: rgb(199,  
121, 186) }
```

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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