

Converting Colors

CIELCh(61, 34.860, 353.029)

Have a look what the booklet for
CIELCh(61, 34.860, 353.029)
contains.

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Color

CIELCh(61, 34.828, 353.003)

Conversions

Conversions Part 1

Format	Color
Hex	CA7C9C
RGB	202, 124, 156
RGB Percent	79%, 49%, 61%
CMY	0.2091, 0.5148, 0.3894
CMYK	0.00, 0.39, 0.23, 0.21
HSL	335°, 42%, 64%
HSV	335°, 39%, 79%
XYZ	37.4220, 29.2481, 34.9981
YIQ	150.9700, 36.2160, 26.4880

Conversions

Conversions Part 2

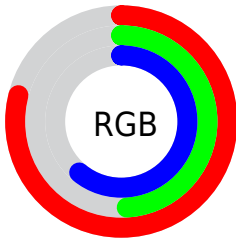
Format	Color
R_{YB}	202, 124, 156
Decimal	13270172
CIE _{Lab}	61.00, 34.57, -4.24
CIE _{LCh}	61, 34.828, 353.003
Yxy	29.2481, 0.3681, 0.2877
Android (android.graphics.Color)	4291460252 (0xFFCA7C9C)
YUV	150.9700, 2.4798, 44.7533
Hunter-Lab	54.0815, 28.8711, -0.5115

Details

The CIELCh color $61, 34.828, 353.003$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $76, 32.397, 164.860$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 32.891, 351.586$, and $41, 34.902, 352.734$ is the 20% darker color. If you saturate the color by 10%, you get $56, 43.673, 354.580$, and if you desaturate by 10%, it is $66, 25.697, 351.677$.

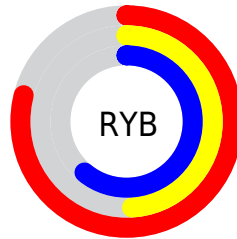
Distribution



Red (79%)

Green (49%)

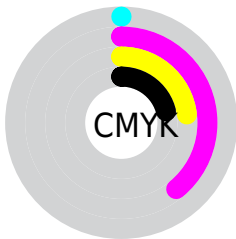
Blue (61%)



Red (79%)

Yellow (49%)

Blue (61%)

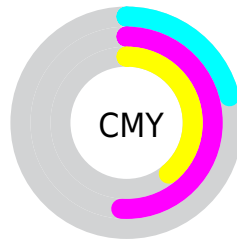


Cyan (0%)

Magenta (39%)

Yellow (23%)

Black (21%)



Cyan (21%)


Magenta (51%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 34.828, 353.003 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, 34.828, 353.003 by changing the saturation by 10% instead.


 61, 34.828,
353.003


 61, 34.828,
353.003


 100, 34.828,
353.003


 51, 34.828,
353.003


 81, 34.828,
353.003

 41, 34.828,
353.003

 91, 34.828,
353.003

 31, 34.828,
353.003

 21, 34.828,
353.003

 11, 34.828,
353.003

 1, 34.828, 353.003

 0, 34.828, 353.003

61, 34.828,
353.003

61, 34.828,
353.003

56, 43.673,
354.580

66, 25.697,
351.677

52, 51.869,
356.494

71, 16.556,
350.529

49, 58.969,
358.876

76, 7.575, 349.501

46, 64.546, 1.887

82, 1.147, 169.058

44, 68.360, 5.704

88, 9.559, 167.923

43, 70.687, 10.369

93, 17.644,
167.179

43, 70.995, 11.009

96, 20.044,
173.910

96, 17.902,
191.472

■ 97, 17.584,
198.341

Harmonies

Complementary

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



61, 34.828, 353.003



76, 32.397, 164.860

Rectangle

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



61, 34.828, 353.003



61, 34.828, 43.003



61, 34.828, 173.003



61, 34.828, 223.003

Sweetspot

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



61, 34.825, 353.005



92, 12.766, 349.854



59, 46.727, 313.670



48, 8.484, 349.988



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, 34.825, 353.005



71, 50.022, 354.237



62, 30.688, 29.208



40, 5.014, 349.576



35, 61.293, 10.208



4, 19.161, 358.939

Inverse Universe

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



61, 34.825, 353.005



71, 50.022, 354.237



75, 23.115, 206.557



40, 5.014, 349.576



35, 61.293, 10.208



4, 19.161, 358.939

Previews

White Background



This preview shows how the CIELCh color 61, 34.828, 353.003 looks on a white background.

Color Contrast Check

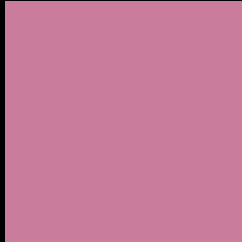
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 61, 34.828, 353.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

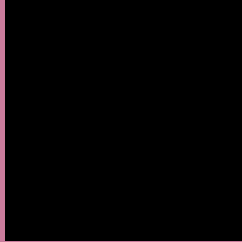
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.828, 353.003

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.828, 353.003.

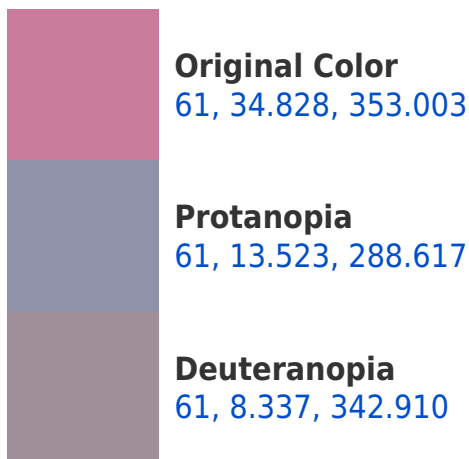


This preview shows how white text looks on a background with the CIELCh color 61, 34.828, 353.003.

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, 30.254, 12.370

Trichromacy



Original Color
61, 34.828, 353.003

Protanomaly
61, 18.352, 325.310

Deuteranomaly
61, 17.949, 349.329

Tritanomaly
61, 31.519, 4.727

Monochromacy



Original Color
61, 34.828, 353.003

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 12.829, 349.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.828, 353.003 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(202, 124, 156)` looks like.

```
.text, #text, p{  
    color:rgb(202, 124, 156)  
}
```

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(202, 124, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 124, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.828, 353.003 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(202, 124, 156) }
```

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

```
.border{ border-color:rgb(202, 124, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 124, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 124, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 124, 156);  
box-shadow:4px 4px 4px 4px rgb(202, 124,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.828, 353.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 124, 156) }
```

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

```
.background{ background-color: rgb(202,  
124, 156) }
```

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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