

Converting Colors

CIELCh(61, 34.698, 1.971)

Have a look what the booklet for
CIELCh(61, 34.698, 1.971) contains.

CIELCh(61, 34.785, 2.211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 34.785, 2.211)

Conversions

Conversions Part 1

Format	Color
Hex	CD7B92
RGB	205, 123, 146
RGB Percent	80%, 48%, 57%
CMY	0.1958, 0.5174, 0.4272
CMYK	0.00, 0.40, 0.29, 0.20
HSL	343°, 45%, 64%
HSV	343°, 40%, 80%
XYZ	37.4803, 29.2481, 30.8902
YIQ	150.1400, 41.4890, 24.5370

Conversions

Conversions Part 2

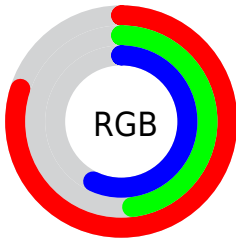
Format	Color
R _Y B	205, 123, 146
Decimal	13466514
CIE Lab	61.00, 34.76, 1.34
CIE LCh	61, 34.785, 2.211
Yxy	29.2481, 0.3839, 0.2996
Android (android.graphics.Color)	4291656594 (0xFFCD7B92)
YUV	150.1400, -2.0410, 48.1122
Hunter-Lab	54.0815, 29.0638, 3.9919

Details

The CIELCh color $61, 34.785, 2.211$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $77, 30.575, 173.244$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 31.582, 359.769$, and $41, 35.032, 1.899$ is the 20% darker color. If you saturate the color by 10%, you get $56, 43.671, 4.111$, and if you desaturate by 10%, it is $66, 25.775, 0.659$.

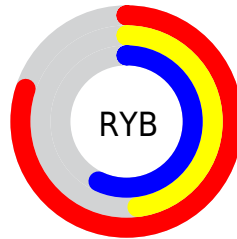
Distribution



Red (80%)

Green (48%)

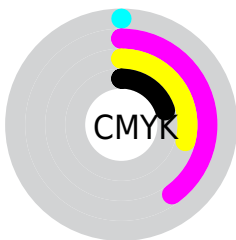
Blue (57%)



Red (80%)

Yellow (48%)

Blue (57%)

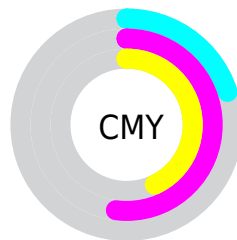


Cyan (0%)

Magenta (40%)

Yellow (29%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 34.785, 2.211 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, 34.785, 2.211 by changing the saturation by 10% instead.

 61, 34.785, 2.211  61, 34.785, 2.211

 100, 34.785, 2.211  51, 34.785, 2.211

 81, 34.785, 2.211  41, 34.785, 2.211

 91, 34.785, 2.211  31, 34.785, 2.211

 21, 34.785, 2.211

 11, 34.785, 2.211

 1, 34.785, 2.211

 0, 34.785, 2.211

 61, 34.785, 2.211  61, 34.785, 2.211

 56, 43.671, 4.111  66, 25.775, 0.659

■ 52, 52.104, 6.477

■ 71, 16.887,
359.356

■ 49, 59.689, 9.467

■ 77, 8.267, 358.225

■ 46, 66.079, 13.248

■ 82, 0.010, 233.896

■ 44, 71.152, 17.935

■ 88, 7.901, 176.557

■ 43, 75.338, 23.294

■ 94, 15.418,
175.782

■ 43, 75.344, 23.301

■ 97, 17.033,
188.555

■ 97, 16.540,
198.407

Harmonies

Complementary

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



61, 34.785, 2.211



77, 30.575, 173.244

Rectangle

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



61, 34.785, 2.211



61, 34.785, 52.211



61, 34.785, 182.211



61, 34.785, 232.211

Sweetspot

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



61, 34.782, 2.213



92, 11.910, 358.461



60, 50.071, 317.959



48, 7.922, 358.606



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, 34.782, 2.213



70, 50.044, 3.825



65, 29.482, 41.017



40, 4.670, 358.161



35, 63.952, 22.346



4, 18.473, 5.859

Inverse Universe

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



61, 34.782, 2.213



70, 50.044, 3.825



72, 22.174, 224.072



40, 4.670, 358.161



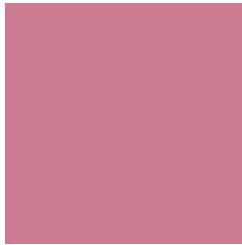
35, 63.952, 22.346



4, 18.473, 5.859

Previews

White Background



This preview shows how the CIELCh color 61, 34.785, 2.211 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, 34.785, 2.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

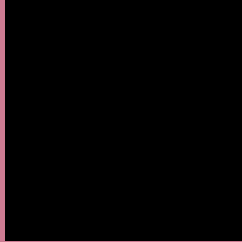
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.785, 2.211

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.785, 2.211.

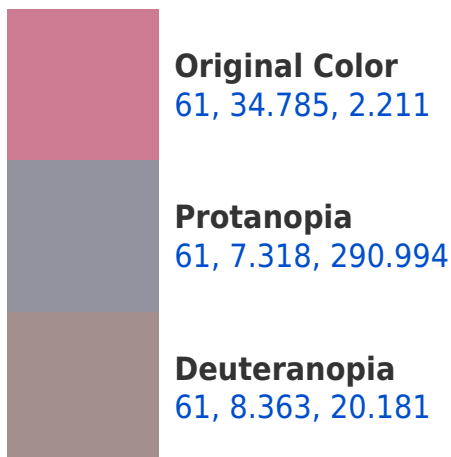


This preview shows how white text looks on a background with the CIELCh color 61, 34.785, 2.211.

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, 32.793, 14.513

Trichromacy



Original Color
61, 34.785, 2.211

Protanomaly
61, 15.054, 341.628

Deuteranomaly
61, 17.770, 6.788

Tritanomaly
61, 33.295, 9.945

Monochromacy



Original Color
61, 34.785, 2.211

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 12.845, 357.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.785, 2.211 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(205, 123, 146)` looks like.

```
.text, #text, p{  
    color:rgb(205, 123, 146)  
}
```

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(205, 123, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 123, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.785, 2.211 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(205, 123, 146) }
```

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

```
.border{ border-color:rgb(205, 123, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 123, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 123, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 123, 146);  
box-shadow:4px 4px 4px 4px rgb(205, 123,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.785, 2.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 123, 146) }
```

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

```
.background{ background-color: rgb(205,  
123, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor