

Converting Colors

CIELCh(62, 35.093, 338.287)

Have a look what the booklet for
CIELCh(62, 35.093, 338.287)
contains.

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Color

CIELCh(62, 34.830, 338.734)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C481AD |
| RGB | 196, 129, 173 |
| RGB Percent | 77%, 51%, 68% |
| CMY | 0.2318, 0.4945, 0.3220 |
| CMYK | 0.00, 0.34, 0.12, 0.23 |
| HSL | 321°, 36%, 64% |
| HSV | 321°, 34%, 77% |
| XYZ | 38.1000, 30.4025, 43.3357 |
| YIQ | 154.0490, 25.8080, 27.8880 |

Conversions

Conversions Part 2

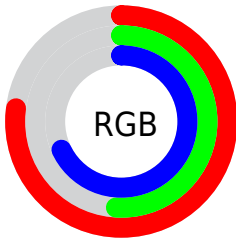
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 196, 129, 173 |
| Decimal | 12878253 |
| CIE _{Lab} | 62.00, 32.46, -12.63 |
| CIE _{LCh} | 62, 34.830, 338.734 |
| Yxy | 30.4025, 0.3407, 0.2718 |
| Android (android.graphics.Color) | 4291068333 (0xFFC481AD) |
| YUV | 154.0490, 9.3428, 36.7910 |
| Hunter-Lab | 55.1385, 26.8488, -8.0016 |

Details

The CIELCh color $62, 34.830, 338.734$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 34.284, 153.166$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 34.655, 339.296$, and $42, 35.119, 338.379$ is the 20% darker color. If you saturate the color by 10%, you get $58, 44.628, 339.666$, and if you desaturate by 10%, it is $67, 24.660, 337.882$.

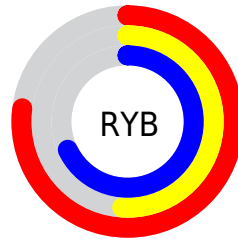
Distribution



Red (77%)

Green (51%)

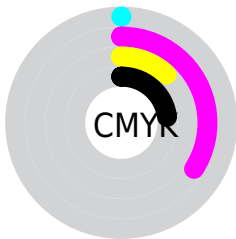
Blue (68%)



Red (77%)

Yellow (51%)

Blue (68%)

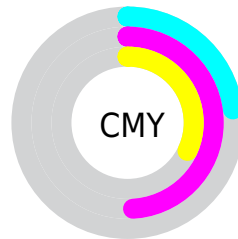


Cyan (0%)

Magenta (34%)

Yellow (12%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 34.830, 338.734 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, 34.830, 338.734 by changing the saturation by 10% instead.


 62, 34.830,
338.734


 62, 34.830,
338.734


 100, 34.830,
338.734


 52, 34.830,
338.734


 82, 34.830,
338.734

 42, 34.830,
338.734

 92, 34.830,
338.734

 32, 34.830,
338.734

 22, 34.830,
338.734

 12, 34.830,
338.734

 2, 34.830, 338.734

 0, 34.830, 338.734

62, 34.830,
338.734

62, 34.830,
338.734

58, 44.628,
339.666

67, 24.660,
337.882

53, 53.685,
340.703

72, 14.398,
337.088

50, 61.534,
341.884

77, 4.224, 336.301

47, 67.669,
343.267

82, 5.750, 155.763

45, 71.673,
344.932

88, 15.460,
155.088

44, 73.381,
346.976

93, 24.877,
154.481

43, 73.685,
348.308

95, 27.524,
157.017

95, 25.220,
162.678

■ 96, 23.176,
169.366

Harmonies

Complementary

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



62, 34.830, 338.734



74, 34.284, 153.166

Rectangle

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



62, 34.830, 338.734



62, 34.830, 28.734



62, 34.830, 158.734



62, 34.830, 208.734

Sweetspot

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



62, 34.827, 338.735



94, 12.523, 336.778



58, 38.954, 305.270



49, 8.554, 336.887



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, 34.827, 338.735



75, 51.441, 339.420



61, 27.786, 9.728



38, 5.678, 336.717



35, 63.793, 347.914



3, 17.611, 342.819

Inverse Universe

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



62, 34.827, 338.735



75, 51.441, 339.420



75, 23.712, 182.767



38, 5.678, 336.717



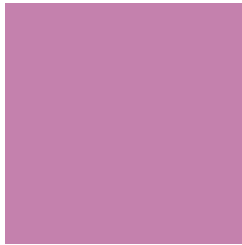
35, 63.793, 347.914



3, 17.611, 342.819

Previews

White Background



This preview shows how the CIELCh color 62, 34.830, 338.734 looks on a white background.

Color Contrast Check

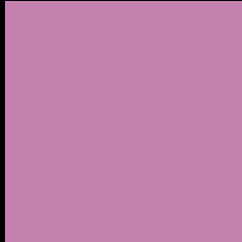
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 34.830, 338.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

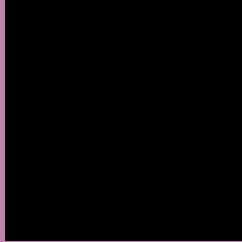
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 34.830, 338.734

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.830, 338.734.

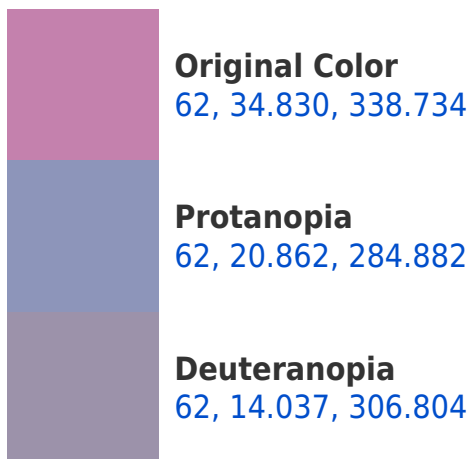



This preview shows how white text looks on a background with the CIELCh color 62, 34.830, 338.734.

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, 23.950, 8.683

Trichromacy



Original Color
62, 34.830, 338.734

Protanomaly
62, 23.070, 309.636

Deuteranomaly
62, 20.943, 325.408

Tritanomaly
62, 26.954, 354.196

Monochromacy



Original Color
62, 34.830, 338.734

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 12.859, 336.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.830, 338.734 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, 129, 173)` looks like.

```
.text, #text, p{  
    color:rgb(196, 129, 173)  
}
```

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, 129, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 129, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.830, 338.734 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, 129, 173) }
```

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

```
.border{ border-color:rgb(196, 129, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 129, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 129, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 129, 173);  
box-shadow:4px 4px 4px 4px rgb(196, 129,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.830, 338.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 129, 173) }
```

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

```
.background{ background-color: rgb(196,  
129, 173) }
```

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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