

Converting Colors

CIELCh(62, 37.637, 357.821)

Have a look what the booklet for
CIELCh(62, 37.637, 357.821)
contains.

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Color

CIELCh(62, 38.039, 357.400)

Conversions

Conversions Part 1

Format	Color
Hex	D37B9A
RGB	211, 123, 154
RGB Percent	83%, 48%, 60%
CMY	0.1720, 0.5171, 0.3956
CMYK	0.00, 0.42, 0.27, 0.17
HSL	339°, 50%, 66%
HSV	339°, 42%, 83%
XYZ	39.8440, 30.4025, 34.3939
YIQ	152.8460, 42.4970, 28.2970

Conversions

Conversions Part 2

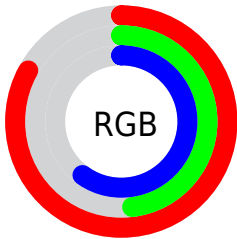
Format	Color
R _Y B	211, 123, 154
Decimal	13859738
CIE Lab	62.00, 38.00, -1.73
CIE LCh	62, 38.039, 357.400
Yxy	30.4025, 0.3808, 0.2905
Android (android.graphics.Color)	4292049818 (0xFFD37B9A)
YUV	152.8460, 0.5689, 51.0011
Hunter-Lab	55.1385, 32.4948, 1.6135

Details

The CIELCh color **62, 38.039, 357.400** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79, 34.382, 168.086**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 33.019, 352.797**, and **42, 37.764, 357.457** is the 20% darker color. If you saturate the color by 10%, you get **57, 47.020, 359.226**, and if you desaturate by 10%, it is **67, 28.745, 355.895**.

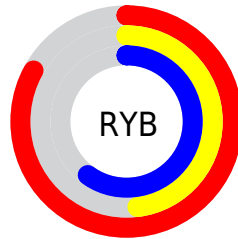
Distribution



Red (83%)

Green (48%)

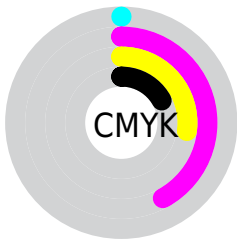
Blue (60%)



Red (83%)

Yellow (48%)

Blue (60%)

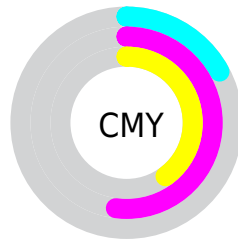


Cyan (0%)

Magenta (42%)

Yellow (27%)

Black (17%)



Cyan (17%)

Magenta (52%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 38.039, 357.400 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, 38.039, 357.400 by changing the saturation by 10% instead.

 62, 38.039,
357.400

 62, 38.039,
357.400

 100, 38.039,
357.400

 52, 38.039,
357.400


 82, 38.039,
357.400

 42, 38.039,
357.400

 92, 38.039,
357.400

 32, 38.039,
357.400

 22, 38.039,
357.400

 12, 38.039,
357.400

 2, 38.039, 357.400

 0, 38.039, 357.400

62, 38.039,
357.400

62, 38.039,
357.400

57, 47.020,
359.226

67, 28.745,
355.895

53, 55.302, 1.485

72, 19.437,
354.620

50, 62.439, 4.333

78, 10.306,
353.507

47, 68.059, 7.948

46, 72.062, 12.478

84, 1.461, 352.271

45, 74.597, 16.812

89, 7.042, 171.819

95, 15.188,
171.023

97, 15.071,
188.418

97, 14.640,
198.530

Harmonies

Complementary

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



62, 38.039, 357.400



79, 34.382, 168.086

Rectangle

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



62, 38.039, 357.400



62, 38.039, 47.400



62, 38.039, 177.400



62, 38.039, 227.400

Sweetspot

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



62, 38.036, 357.402



91, 13.400, 353.662



60, 52.741, 315.402



47, 9.412, 353.903



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, 38.036, 357.402



69, 53.064, 358.998



64, 33.456, 33.589



41, 4.946, 353.267



35, 62.796, 15.844



5, 20.723, 2.821

Inverse Universe

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



62, 38.036, 357.402



69, 53.064, 358.998



76, 24.483, 212.839



41, 4.946, 353.267



35, 62.796, 15.844



5, 20.723, 2.821

Previews

White Background



This preview shows how the CIELCh color 62, 38.039, 357.400 looks on a white background.

Color Contrast Check

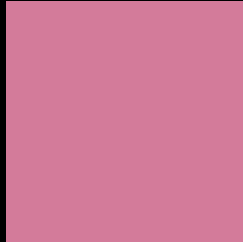
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 38.039, 357.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

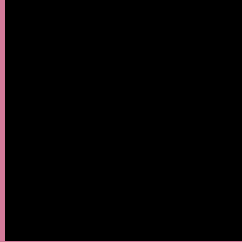
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 38.039, 357.400

Background



This preview shows how black text looks on a background with the CIELCh color 62, 38.039, 357.400.

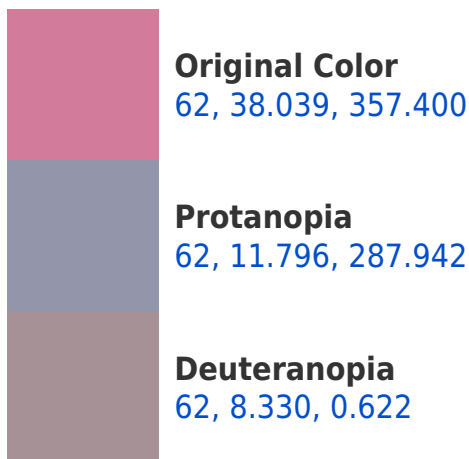


This preview shows how white text looks on a background with the CIELCh color 62, 38.039, 357.400.

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, 34.374, 14.195

Trichromacy



Original Color
62, 38.039, 357.400

Protanomaly
62, 17.672, 331.608

Deuteranomaly
62, 19.354, 357.760

Tritanomaly
62, 35.406, 7.402

Monochromacy



Original Color
62, 38.039, 357.400

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 13.950, 354.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 38.039, 357.400 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(211, 123, 154)` looks like.

```
.text, #text, p{  
    color:rgb(211, 123, 154)  
}
```

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(211, 123, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 123, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 38.039, 357.400 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(211, 123, 154) }
```

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

```
.border{ border-color:rgb(211, 123, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 123, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 123, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 123, 154);  
box-shadow:4px 4px 4px 4px rgb(211, 123,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 38.039, 357.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 123, 154) }
```

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

```
.background{ background-color: rgb(211,  
123, 154) }
```

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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