

# Converting Colors

CIELCh(62, 28.203, 318.531)

Have a look what the booklet for  
CIELCh(62, 28.203, 318.531)  
contains.

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# Color

**CIELCh(62, 28.174, 318.516)**

# Conversions

Conversions Part 1	
Format	Color
Hex	AC8AB7
RGB	172, 138, 183
RGB Percent	67%, 54%, 72%
CMY	0.3252, 0.4585, 0.2820
CMYK	0.06, 0.25, 0.00, 0.28
HSL	285°, 24%, 63%
HSV	285°, 25%, 72%
XYZ	34.6877, 30.4025, 48.8858
YIQ	153.2960, 5.8190, 21.2030

# Conversions

## Conversions Part 2

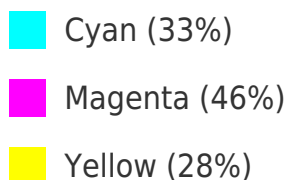
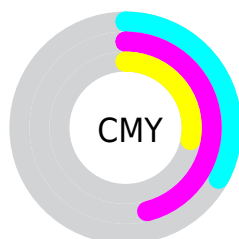
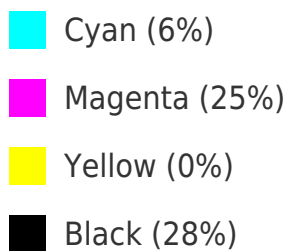
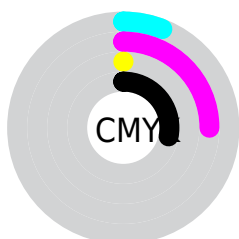
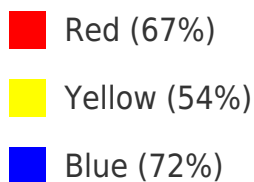
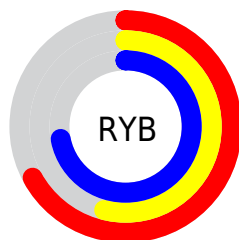
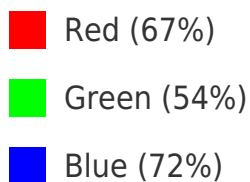
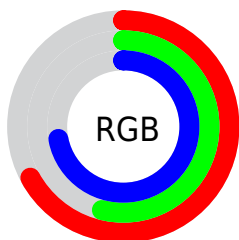
Format	Color
<a href="#">RYB</a>	<a href="#">172, 138, 183</a>
Decimal	<a href="#">11307703</a>
CIELab	<a href="#">62.00, 21.11, -18.66</a>
CIELCh	<a href="#">62, 28.174, 318.516</a>
Yxy	<a href="#">30.4025, 0.3043, 0.2667</a>
Android (android.graphics.Color)	<a href="#">4289497783</a> (0xFFAC8AB7)
YUV	<a href="#">153.2960, 14.6441, 16.4034</a>
Hunter-Lab	<a href="#">55.1385, 15.8022, -13.9696</a>

# Details

The CIELCh color **62, 28.174, 318.516** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71, 27.773, 136.284**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.981, 318.637**, and **42, 27.972, 318.264** is the 20% darker color. If you saturate the color by 10%, you get **57, 39.772, 318.944**, and if you desaturate by 10%, it is **67, 16.590, 318.076**.

# Distribution





# Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 28.174, 318.516 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, 28.174, 318.516 by changing the saturation by 10% instead.





 62, 28.174,  
318.516


 62, 28.174,  
318.516


 100, 28.174,  
318.516


 52, 28.174,  
318.516


 82, 28.174,  
318.516

 42, 28.174,  
318.516

 92, 28.174,  
318.516

 32, 28.174,  
318.516

 22, 28.174,  
318.516

 12, 28.174,  
318.516

 2, 28.174, 318.516

 0, 28.174, 318.516

62, 28.174,  
318.516

62, 28.174,  
318.516

57, 39.772,  
318.944

67, 16.590,  
318.076

53, 51.174,  
319.339

72, 5.164, 317.623

48, 62.058,  
319.671

77, 6.022, 137.277

44, 71.990,  
319.898

82, 16.924,  
136.868

41, 80.441,  
319.971

88, 27.521,  
136.503

38, 86.868,  
319.838

93, 37.807,  
136.168


37, 90.899,  
319.452

95, 41.211,  
134.910

36, 92.461,

95, 40.455,  
132.981

319.182

 96, 39.743,  
130.954

# Harmonies

# Complementary

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



62, 28.174, 318.516



71, 27.773, 136.284

# Rectangle

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



62, 28.174, 318.516



62, 28.174, 8.516



62, 28.174, 138.516



62, 28.174, 188.516

# Sweetspot

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



62, 28.172, 318.516



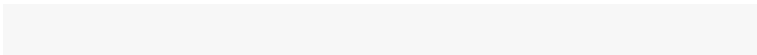
89, 9.763, 317.743



62, 19.220, 280.640



47, 6.398, 317.770



97, 0.011, 296.813



50, 0.007, 296.813





# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 28.172, 318.516



76, 41.110, 318.728



63, 25.291, 333.967



36, 6.431, 317.843



30, 81.934, 319.285



2, 16.963, 314.474



# Inverse Universe

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



62, 18.848, 2.508



76, 27.695, 3.170



71, 25.127, 150.518



36, 4.211, 0.738



32, 62.108, 25.110

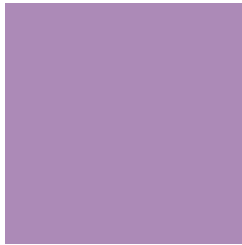


2, 11.027, 4.885



# Previews

## White Background



This preview shows how the CIELCh color 62, 28.174, 318.516 looks on a white background.

## Color Contrast Check

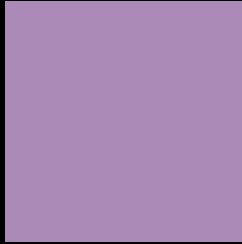
Large Text (above 18pt) WCAG AA × Fail

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, 28.174, 318.516 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, 28.174, 318.516**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 62, 28.174, 318.516.



This preview shows how white text looks on a background with the CIELCh color 62, 28.174, 318.516.

# 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



### Original Color

62, 28.174, 318.516

### Protanopia

62, 23.688, 285.384

### Deuteranopia

62, 19.131, 294.352

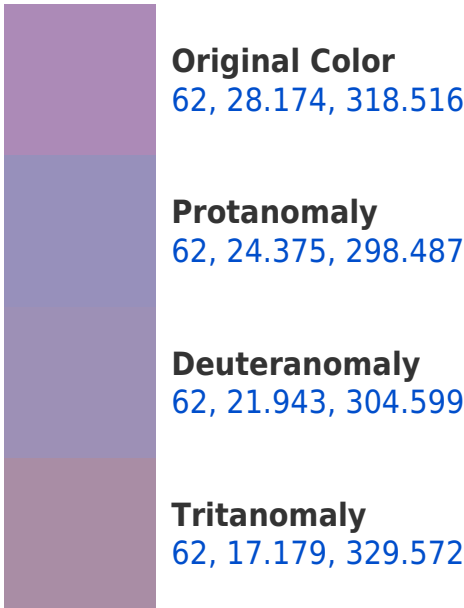




## Tritanopia

62, 11.815, 345.992

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 62, 28.174, 318.516 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(172, 138, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 138, 183)  
}
```

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(172, 138, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 138, 183) }
```

## Border

The CSS property to change the border of an element to CIELCh 62, 28.174, 318.516 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(172, 138, 183) }
```

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

```
.border{ border-color:rgb(172, 138, 183) }
```

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

Here you see how a box with a 4 pixel rgb(172, 138, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 138, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 138, 183);  
box-shadow:4px 4px 4px 4px rgb(172, 138,  
183) }
```

# Background

The CSS property to change the background color of an element to CIELCh 62, 28.174, 318.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 138, 183) }
```

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

```
.background{ background-color: rgb(172,  
138, 183) }
```

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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