

Converting Colors

CIELCh(62, 18.571, 334.769)

Have a look what the booklet for
CIELCh(62, 18.571, 334.769)
contains.

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Color

CIELCh(62, 18.680, 335.378)

Conversions

Conversions Part 1

Format	Color
Hex	AE8CA4
RGB	174, 140, 164
RGB Percent	68%, 55%, 64%
CMY	0.3179, 0.4512, 0.3572
CMYK	0.00, 0.20, 0.06, 0.32
HSL	318°, 17%, 62%
HSV	318°, 20%, 68%
XYZ	33.5002, 30.4025, 39.1893
YIQ	152.9020, 12.5600, 14.6720

Conversions

Conversions Part 2

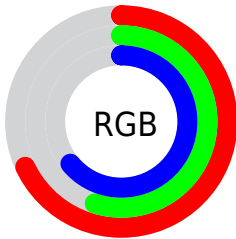
Format	Color
RYB	174, 140, 164
Decimal	11439268
CIELab	62.00, 16.98, -7.78
CIELCh	62, 18.680, 335.378
Yxy	30.4025, 0.3250, 0.2949
Android (android.graphics.Color)	4289629348 (0xFFAE8CA4)
YUV	152.9020, 5.4713, 18.5029
Hunter-Lab	55.1385, 11.9580, -3.5431

Details

The CIELCh color $62, 18.680, 335.378$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $68, 18.535, 152.623$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.591, 335.590$, and $42, 18.273, 335.612$ is the 20% darker color. If you saturate the color by 10%, you get $58, 28.275, 336.136$, and if you desaturate by 10%, it is $67, 9.067, 334.655$.

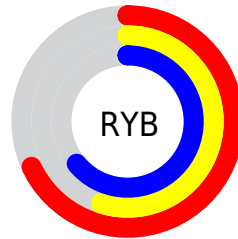
Distribution



Red (68%)

Green (55%)

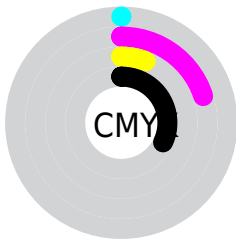
Blue (64%)



Red (68%)

Yellow (55%)

Blue (64%)

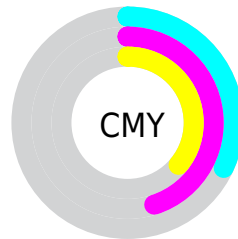


Cyan (0%)

Magenta (20%)

Yellow (6%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.680, 335.378 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, 18.680, 335.378 by changing the saturation by 10% instead.


 62, 18.680,
335.378


 62, 18.680,
335.378


 100, 18.680,
335.378


 52, 18.680,
335.378


 82, 18.680,
335.378

 42, 18.680,
335.378

 92, 18.680,
335.378

 32, 18.680,
335.378

 22, 18.680,
335.378

 12, 18.680,
335.378

 2, 18.680, 335.378

 0, 18.680, 335.378

62, 18.680,
335.378

62, 18.680,
335.378

58, 28.275,
336.136

67, 9.067, 334.655

53, 37.649,
336.942

71, 0.421, 154.744

76, 9.701, 153.426

50, 46.503,
337.813

81, 18.730,
152.819

46, 54.450,
338.768

86, 27.486,
152.255

43, 61.046,
339.841

91, 35.968,
151.726

41, 65.858,
341.081


94, 40.300,
152.361


40, 68.601,
342.553

94, 38.366,
154.982

39, 69.568,

344.280

 94, 36.499,
157.862

 39, 69.605,
344.360

Harmonies

Complementary

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



62, 18.680, 335.378



68, 18.535, 152.623

Rectangle

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



62, 18.680, 335.378



62, 18.680, 25.378



62, 18.680, 155.378



62, 18.680, 205.378

Sweetspot

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



62, 18.678, 335.379



87, 7.058, 334.403



60, 19.608, 302.434



46, 4.721, 334.451



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 18.678, 335.379



77, 27.323, 335.666



62, 14.090, 3.926



34, 5.363, 334.638



33, 62.695, 344.115



2, 10.548, 337.870

Inverse Universe

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



62, 18.678, 335.379



77, 27.323, 335.666



68, 13.089, 180.244



34, 5.363, 334.638



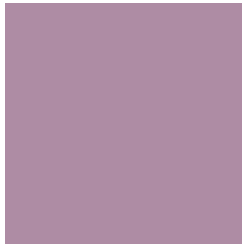
33, 62.695, 344.115



2, 10.548, 337.870

Previews

White Background



This preview shows how the CIELCh color 62, 18.680, 335.378 looks on a white background.

Color Contrast Check

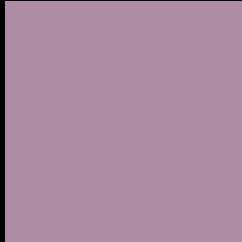
Large Text (above 18pt) WCAG AA × Fail

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, 18.680, 335.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

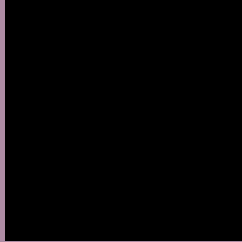
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 18.680, 335.378

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.680, 335.378.



This preview shows how white text looks on a background with the CIELCh color 62, 18.680, 335.378.

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, 18.680, 335.378

Protanopia

62, 11.796, 287.942

Deuteranopia

62, 10.781, 318.170



Tritanopia
62, 13.244, 353.154

Trichromacy



Original Color
62, 18.680, 335.378

Protanomaly
62, 13.073, 309.646

Deuteranomaly
62, 13.133, 326.462

Tritanomaly
62, 15.293, 345.221

Monochromacy



Original Color
62, 18.680, 335.378

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 7.124, 335.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.680, 335.378 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(174, 140, 164)` looks like.

```
.text, #text, p{  
    color:rgb(174, 140, 164)  
}
```

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(174, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 140, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.680, 335.378 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(174, 140, 164) }
```

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

```
.border{ border-color:rgb(174, 140, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 140, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 140, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 140, 164);  
box-shadow:4px 4px 4px 4px rgb(174, 140,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.680, 335.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 140, 164) }
```

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

```
.background{ background-color: rgb(174,  
140, 164) }
```

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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