

Converting Colors

CIELCh(57, 22.632, 359.320)

Have a look what the booklet for
CIELCh(57, 22.632, 359.320)
contains.

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Color

CIELCh(57, 23.058, 359.128)

Conversions

Conversions Part 1

Format	Color
Hex	AF7A8A
RGB	175, 122, 138
RGB Percent	69%, 48%, 54%
CMY	0.3131, 0.5210, 0.4583
CMYK	0.00, 0.30, 0.21, 0.31
HSL	342°, 25%, 58%
HSV	342°, 30%, 69%
XYZ	29.2861, 24.9227, 27.3642
YIQ	139.6710, 26.4520, 16.2120

Conversions

Conversions Part 2

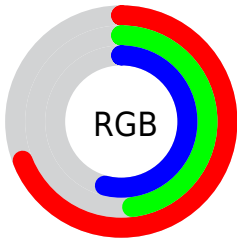
Format	Color
R_{YB}	175, 122, 138
Decimal	11500170
CIE Lab	57.00, 23.06, -0.35
CIE LCh	57, 23.058, 359.128
Yxy	24.9227, 0.3590, 0.3055
Android (android.graphics.Color)	4289690250 (0xFFAF7A8A)
YUV	139.6710, -0.8238, 30.9835
Hunter-Lab	49.9226, 17.3490, 2.4471

Details

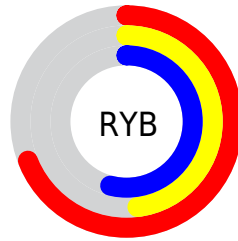
The CIELCh color $57, 23.058, 359.128$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $68, 21.118, 172.891$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 22.792, 359.531$, and $37, 22.614, 359.575$ is the 20% darker color. If you saturate the color by 10%, you get $53, 30.993, 0.641$, and if you desaturate by 10%, it is $62, 15.198, 357.857$.

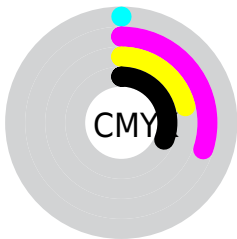
Distribution



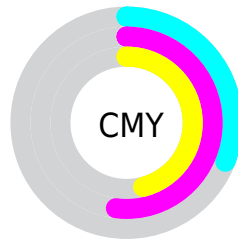
- Red (69%)
- Green (48%)
- Blue (54%)



- Red (69%)
- Yellow (48%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (21%)
- Black (31%)





- Cyan (31%)
- Magenta (52%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 23.058, 359.128 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 57, 23.058, 359.128 by changing the saturation by 10% instead.


 57, 23.058,
359.128


 57, 23.058,
359.128


 100, 23.058,
359.128


 47, 23.058,
359.128


 77, 23.058,
359.128

 37, 23.058,
359.128

 87, 23.058,
359.128

 27, 23.058,
359.128

 97, 23.058,
359.128

 17, 23.058,
359.128

 7, 23.058, 359.128

 0, 23.058, 359.128

57, 23.058,
359.128

57, 23.058,
359.128

53, 30.993, 0.641

62, 15.198,
357.857

48, 38.797, 2.473

66, 7.553, 356.746

45, 46.173, 4.744

71, 0.195, 353.642

42, 52.773, 7.601

76, 6.847, 175.092

39, 58.283, 11.213

81, 13.567,
174.318

38, 62.576, 15.710

37, 66.018, 20.704

86, 19.978,
173.638

92, 26.097,
173.025

95, 28.291,
177.315

■ 95, 26.030,
190.019

Harmonies

Complementary

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



57, 23.058, 359.128



68, 21.118, 172.891

Rectangle

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



57, 23.058, 359.128



57, 23.058, 49.128



57, 23.058, 179.128



57, 23.058, 229.128

Sweetspot

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



57, 23.056, 359.131



85, 8.158, 356.628



56, 33.031, 316.482



45, 5.731, 356.780



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 23.056, 359.131



69, 34.106, 0.058



59, 19.200, 37.562



34, 4.124, 356.643



31, 58.803, 19.941



2, 8.322, 359.794

Inverse Universe

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



57, 23.056, 359.131



69, 34.106, 0.058



65, 15.582, 218.671



34, 4.124, 356.643



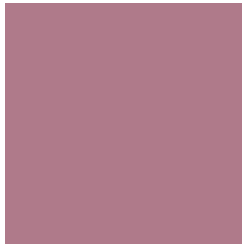
31, 58.803, 19.941



2, 8.322, 359.794

Previews

White Background



This preview shows how the CIELCh color 57, 23.058, 359.128 looks on a white background.

Color Contrast Check

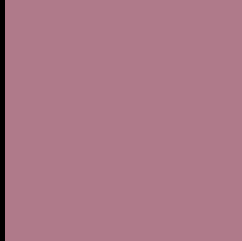
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 57, 23.058, 359.128 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 57, 23.058, 359.128

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.058, 359.128.



This preview shows how white text looks on a background with the CIELCh color 57, 23.058, 359.128.

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

57, 23.058, 359.128

Protanopia

57, 6.298, 294.380

Deuteranopia

57, 7.396, 6.851



Tritanopia
57, 21.813, 8.534

Trichromacy



Original Color
57, 23.058, 359.128

Protanomaly
57, 10.803, 337.292

Deuteranomaly
57, 13.231, 0.847

Tritanomaly
57, 21.980, 5.630

Monochromacy



Original Color
57, 23.058, 359.128

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.072, 359.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.058, 359.128 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(175, 122, 138)` looks like.

```
.text, #text, p{  
    color:rgb(175, 122, 138)  
}
```

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(175, 122, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 122, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.058, 359.128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

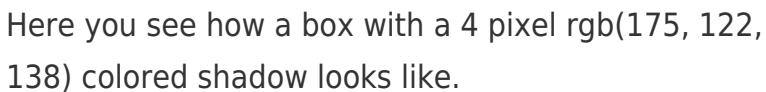
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 122, 138) }
```

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

```
.border{ border-color:rgb(175, 122, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 122, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 122, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 122, 138); box-shadow:4px 4px 4px 4px rgb(175, 122, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.058, 359.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 122, 138) }
```

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

```
.background{ background-color: rgb(175,  
122, 138) }
```

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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