

Converting Colors

CIELCh(59, 18.794, 359.571)

Have a look what the booklet for
CIELCh(59, 18.794, 359.571)
contains.

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Color

CIELCh(59, 18.974, 358.917)

Conversions

Conversions Part 1

Format	Color
Hex	AE828F
RGB	174, 130, 143
RGB Percent	68%, 51%, 56%
CMY	0.3168, 0.4894, 0.4385
CMYK	0.00, 0.25, 0.18, 0.32
HSL	342°, 21%, 60%
HSV	342°, 25%, 68%
XYZ	30.4821, 27.0277, 29.6741
YIQ	144.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

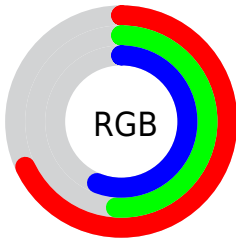
Format	Color
R_{YB}	174, 130, 143
Decimal	11436687
CIE Lab	59.00, 18.97, -0.36
CIE LCh	59, 18.974, 358.917
Yxy	27.0277, 0.3496, 0.3100
Android (android.graphics.Color)	4289626767 (0xFFAE828F)
YUV	144.6380, -0.8075, 25.7505
Hunter-Lab	51.9882, 13.6801, 2.5498

Details

The CIELCh color $59, 18.974, 358.917$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 17.615, 173.883$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 19.112, 358.196$, and $39, 19.248, 358.413$ is the 20% darker color. If you saturate the color by 10%, you get $54, 26.847, 0.308$, and if you desaturate by 10%, it is $64, 11.258, 357.735$.

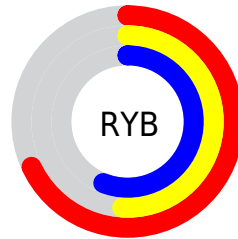
Distribution



Red (68%)

Green (51%)

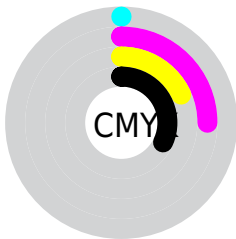
Blue (56%)



Red (68%)

Yellow (51%)

Blue (56%)

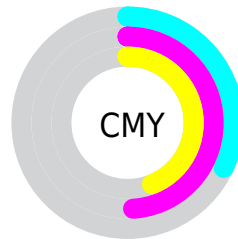


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (32%)



Cyan (32%)


Magenta (49%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 18.974, 358.917 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 59, 18.974, 358.917 by changing the saturation by 10% instead.


 59, 18.974,
358.917


 59, 18.974,
358.917


 100, 18.974,
358.917


 49, 18.974,
358.917


 79, 18.974,
358.917

 39, 18.974,
358.917

 89, 18.974,
358.917

 29, 18.974,
358.917

 99, 18.974,
358.917

 19, 18.974,
358.917

 9, 18.974, 358.917

 0, 18.974, 358.917

59, 18.974,
358.917

59, 18.974,
358.917

54, 26.847, 0.308

64, 11.258,
357.735

50, 34.714, 1.975

69, 3.805, 356.650

46, 42.324, 4.022

74, 3.341, 176.009

43, 49.351, 6.582

79, 10.163,
175.137

40, 55.455, 9.817

38, 60.398, 13.883

84, 16.668,
174.417

37, 64.207, 18.841

89, 22.872,
173.774

36, 65.947, 21.259

94, 28.798,
173.191

95, 27.399,
182.823

■ 95, 25.705,
196.293

Harmonies

Complementary

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



59, 18.974, 358.917



68, 17.615, 173.883

Rectangle

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



59, 18.974, 358.917



59, 18.974, 48.917



59, 18.974, 178.917



59, 18.974, 228.917

Sweetspot

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



59, 18.972, 358.920



85, 7.214, 356.967



59, 27.462, 316.795



45, 5.184, 357.126



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 18.972, 358.920



72, 28.156, 359.622



61, 15.470, 39.175



34, 4.111, 357.091



31, 58.972, 20.520



2, 8.301, 0.180

Inverse Universe

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



59, 18.972, 358.920



72, 28.156, 359.622



66, 13.074, 220.527



34, 4.111, 357.091



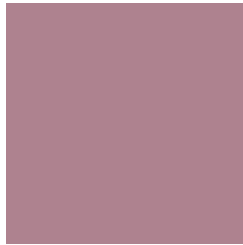
31, 58.972, 20.520



2, 8.301, 0.180

Previews

White Background



This preview shows how the CIELCh color 59, 18.974, 358.917 looks on a white background.

Color Contrast Check

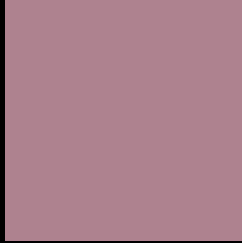
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 18.974, 358.917 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 59, 18.974, 358.917

Background



This preview shows how black text looks on a background with the CIELCh color 59, 18.974, 358.917.



This preview shows how white text looks on a background with the CIELCh color 59, 18.974, 358.917.

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
59, 18.974, 358.917

Protanopia
59, 5.174, 299.234

Deuteranopia
59, 7.480, 2.599



Tritanopia
59, 18.114, 3.388

Trichromacy



Original Color
59, 18.974, 358.917

Protanomaly
59, 9.115, 337.256

Deuteranomaly
59, 11.819, 1.181

Tritanomaly
59, 18.252, 1.683

Monochromacy



Original Color
59, 18.974, 358.917

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.704, 0.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 18.974, 358.917 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, 130, 143)` looks like.

```
.text, #text, p{  
    color:rgb(174, 130, 143)  
}
```

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, 130, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 18.974, 358.917 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, 130, 143) }
```

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

```
.border{ border-color:rgb(174, 130, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 130, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 143);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 18.974, 358.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 143) }
```

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

```
.background{ background-color: rgb(174,  
130, 143) }
```

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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