

Converting Colors

CIELCh(59, 19.228, 337.726)

Have a look what the booklet for
CIELCh(59, 19.228, 337.726)
contains.

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Color

CIELCh(59, 19.017, 338.447)

Conversions

Conversions Part 1

Format	Color
Hex	A8849B
RGB	168, 132, 155
RGB Percent	66%, 52%, 61%
CMY	0.3428, 0.4839, 0.3937
CMYK	0.00, 0.21, 0.08, 0.34
HSL	322°, 17%, 59%
HSV	322°, 21%, 66%
XYZ	30.1405, 27.0277, 34.4607
YIQ	145.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

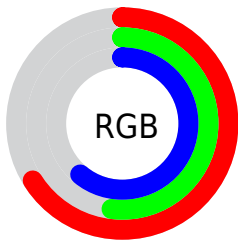
Format	Color
RYB	168, 132, 155
Decimal	11043995
CIELab	59.00, 17.69, -6.99
CIELCh	59, 19.017, 338.447
Yxy	27.0277, 0.3289, 0.2950
Android (android.graphics.Color)	4289234075 (0xFFA8849B)
YUV	145.3860, 4.7397, 19.8325
Hunter-Lab	51.9882, 12.5072, -2.9090

Details

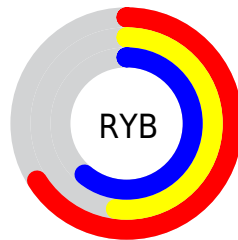
The CIELCh color **59, 19.017, 338.447** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66, 18.778, 155.194**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 18.904, 338.456**, and **39, 19.350, 338.644** is the 20% darker color. If you saturate the color by 10%, you get **55, 27.916, 339.295**, and if you desaturate by 10%, it is **63, 10.093, 337.658**.

Distribution



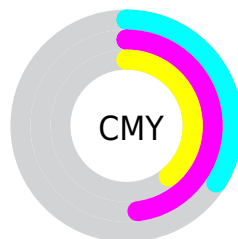
- Red (66%)
- Green (52%)
- Blue (61%)



- Red (66%)
- Yellow (52%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (34%)




- Cyan (34%)
- Magenta (48%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 19.017, 338.447 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, 19.017, 338.447 by changing the saturation by 10% instead.

 59, 19.017,
338.447


 59, 19.017,
338.447


 100, 19.017,
338.447

 49, 19.017,
338.447

 79, 19.017,
338.447

 39, 19.017,
338.447

 89, 19.017,
338.447

 29, 19.017,
338.447

 99, 19.017,
338.447

 19, 19.017,
338.447

 9, 19.017, 338.447

 0, 19.017, 338.447

59, 19.017,
338.447

59, 19.017,
338.447

55, 27.916,
339.295

63, 10.093,
337.658

51, 36.590,
340.220

68, 1.285, 336.724

73, 7.327, 156.339

47, 44.744,
341.248

77, 15.700,
155.688

44, 52.001,
342.418

82, 23.814,
155.093

41, 57.932,
343.784

87, 31.667,
154.538

39, 62.134,
345.423


92, 39.267,
154.018

37, 64.372,
347.431

93, 40.525,
155.756

37, 65.131,

349.419

 94, 38.341,
159.037

Harmonies

Complementary

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



59, 19.017, 338.447



66, 18.778, 155.194

Rectangle

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



59, 19.017, 338.447



59, 19.017, 28.447



59, 19.017, 158.447



59, 19.017, 208.447

Sweetspot

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



59, 19.015, 338.448



83, 6.480, 337.238



57, 21.133, 304.905



44, 4.335, 337.287



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 19.015, 338.448



72, 28.434, 338.863



58, 14.838, 9.215



33, 4.988, 337.489



32, 59.536, 349.123



2, 8.539, 340.495

Inverse Universe

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



59, 19.015, 338.448



72, 28.434, 338.863



66, 13.441, 185.359



33, 4.988, 337.489



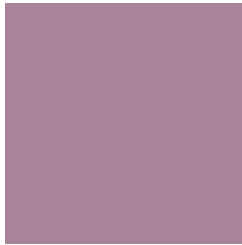
32, 59.536, 349.123



2, 8.539, 340.495

Previews

White Background



This preview shows how the CIE LCh color 59, 19.017, 338.447 looks on a white background.

Color Contrast Check

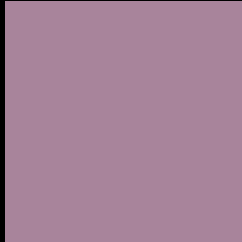
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 19.017, 338.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

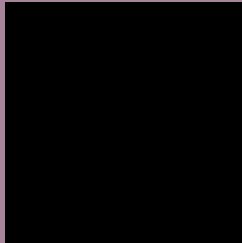
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 19.017, 338.447

Background



This preview shows how black text looks on a background with the CIELCh color 59, 19.017, 338.447.



This preview shows how white text looks on a background with the CIELCh color 59, 19.017, 338.447.

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, 19.017, 338.447

Protanopia

59, 11.349, 287.769

Deuteranopia

59, 9.900, 321.195



Tritanopia
59, 14.470, 355.635

Trichromacy



Original Color
59, 19.017, 338.447

Protanomaly
59, 12.667, 310.463

Deuteranomaly
59, 13.041, 329.373

Tritanomaly
59, 16.431, 347.911

Monochromacy



Original Color
59, 19.017, 338.447

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.809, 338.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 19.017, 338.447 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(168, 132, 155)` looks like.

```
.text, #text, p{  
    color:rgb(168, 132, 155)  
}
```

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(168, 132, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 132, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 19.017, 338.447 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(168, 132, 155) }
```

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

```
.border{ border-color:rgb(168, 132, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 132, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 132, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 132, 155);  
box-shadow:4px 4px 4px 4px rgb(168, 132,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 19.017, 338.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 132, 155) }
```

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

```
.background{ background-color: rgb(168,  
132, 155) }
```

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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