

Converting Colors

CIELCh(59, 17.816, 357.208)

Have a look what the booklet for
CIELCh(59, 17.816, 357.208)
contains.

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Color

CIELCh(59, 17.839, 357.223)

Conversions

Conversions Part 1

Format	Color
Hex	AC8390
RGB	172, 131, 144
RGB Percent	67%, 51%, 56%
CMY	0.3254, 0.4862, 0.4352
CMYK	0.00, 0.24, 0.16, 0.33
HSL	341°, 20%, 59%
HSV	341°, 24%, 67%
XYZ	30.1752, 27.0277, 30.0227
YIQ	144.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

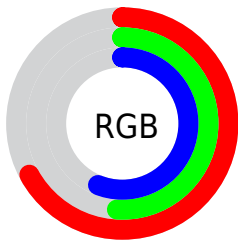
Format	Color
R _Y B	172, 131, 144
Decimal	11305872
CIE Lab	59.00, 17.82, -0.86
CIE LCh	59, 17.839, 357.223
Yxy	27.0277, 0.3459, 0.3099
Android (android.graphics.Color)	4289495952 (0xFFAC8390)
YUV	144.7410, -0.3653, 23.9061
Hunter-Lab	51.9882, 12.6263, 2.1524

Details

The CIELCh color $59, 17.839, 357.223$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 16.725, 172.541$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 18.049, 356.649$, and $39, 18.040, 356.413$ is the 20% darker color. If you saturate the color by 10%, you get $54, 25.653, 358.558$, and if you desaturate by 10%, it is $64, 10.177, 356.078$.

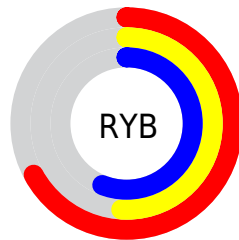
Distribution



Red (67%)

Green (51%)

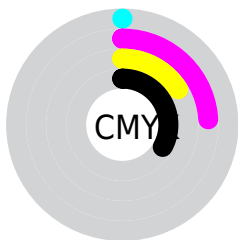
Blue (56%)



Red (67%)

Yellow (51%)

Blue (56%)

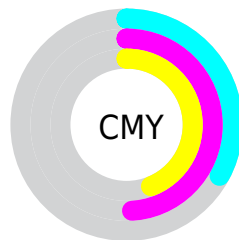


Cyan (0%)

Magenta (24%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (49%)


Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 17.839, 357.223 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, 17.839, 357.223 by changing the saturation by 10% instead.


 59, 17.839,
357.223


 59, 17.839,
357.223


 100, 17.839,
357.223


 49, 17.839,
357.223


 79, 17.839,
357.223

 39, 17.839,
357.223

 89, 17.839,
357.223

 29, 17.839,
357.223

 99, 17.839,
357.223

 19, 17.839,
357.223

 9, 17.839, 357.223

 0, 17.839, 357.223

59, 17.839,
357.223

59, 17.839,
357.223

54, 25.653,
358.558

64, 10.177,
356.078

50, 33.464, 0.146

68, 2.767, 354.985

46, 41.027, 2.082

73, 4.346, 174.369

43, 48.021, 4.490

78, 11.149,
173.538

40, 54.096, 7.528

83, 17.645,
172.829

38, 58.982, 11.363

37, 62.644, 16.101

88, 23.851,
172.192

36, 64.681, 19.231

93, 29.787,
171.613

95, 28.683,
179.798

■ 95, 26.698,
191.930

Harmonies

Complementary

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



59, 17.839, 357.223



67, 16.725, 172.541

Rectangle

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



59, 17.839, 357.223



59, 17.839, 47.223



59, 17.839, 177.223



59, 17.839, 227.223

Sweetspot

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



59, 17.837, 357.226



85, 6.312, 355.365



59, 25.427, 315.667



45, 4.100, 355.426



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 17.837, 357.226



72, 27.159, 357.957



60, 14.666, 35.767



34, 4.156, 355.597



31, 58.431, 18.557



2, 8.372, 358.891

Inverse Universe

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



59, 17.837, 357.226



72, 27.159, 357.957



66, 12.489, 216.240



34, 4.156, 355.597



31, 58.431, 18.557



2, 8.372, 358.891

Previews

White Background



This preview shows how the CIELCh color 59, 17.839, 357.223 looks on a white background.

Color Contrast Check

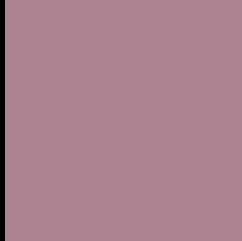
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.839, 357.223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

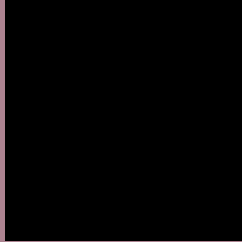
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 17.839, 357.223

Background



This preview shows how black text looks on a background with the CIELCh color 59, 17.839, 357.223.



This preview shows how white text looks on a background with the CIELCh color 59, 17.839, 357.223.

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, 17.839, 357.223

Protanopia
59, 5.127, 295.024

Deuteranopia
59, 7.656, 358.557



Tritanopia
59, 17.489, 0.666

Trichromacy



Original Color
59, 17.839, 357.223

Protanomaly
59, 8.836, 335.471

Deuteranomaly
59, 11.621, 357.816

Tritanomaly
59, 17.655, 358.927

Monochromacy



Original Color
59, 17.839, 357.223

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 6.543, 354.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 17.839, 357.223 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, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(172, 131, 144)  
}
```

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, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 131, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 17.839, 357.223 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, 131, 144) }
```

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

```
.border{ border-color:rgb(172, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 131, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 131, 144);  
box-shadow:4px 4px 4px 4px rgb(172, 131,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 17.839, 357.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 131, 144) }
```

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

```
.background{ background-color: rgb(172,  
131, 144) }
```

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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