

Converting Colors

CIELCh(59, 13.997, 353.888)

Have a look what the booklet for
CIELCh(59, 13.997, 353.888)
contains.

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Color

CIELCh(59, 13.732, 354.072)

Conversions

Conversions Part 1

Format	Color
Hex	A58691
RGB	165, 134, 145
RGB Percent	65%, 53%, 57%
CMY	0.3536, 0.4751, 0.4320
CMYK	0.00, 0.19, 0.12, 0.35
HSL	339°, 15%, 59%
HSV	339°, 19%, 65%
XYZ	29.0847, 27.0277, 30.4076
YIQ	144.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

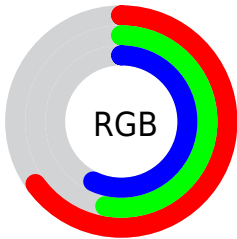
Format	Color
RYB	165, 134, 145
Decimal	10847889
CIELab	59.00, 13.66, -1.42
CIElCh	59, 13.732, 354.072
Yxy	27.0277, 0.3362, 0.3124
Android (android.graphics.Color)	4289037969 (0xFFA58691)
YUV	144.5230, 0.2352, 17.9583
Hunter-Lab	51.9882, 8.8821, 1.7134

Details

The CIELCh color $59, 13.732, 354.072$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $65, 13.147, 170.563$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 13.845, 353.115$, and $39, 14.046, 353.153$ is the 20% darker color. If you saturate the color by 10%, you get $55, 21.312, 355.267$, and if you desaturate by 10%, it is $64, 6.322, 353.017$.

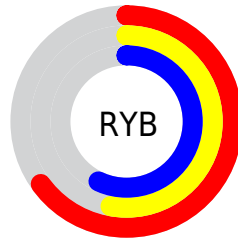
Distribution



Red (65%)

Green (53%)

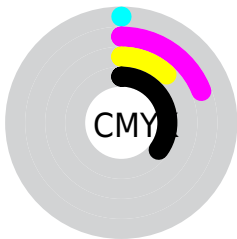
Blue (57%)



Red (65%)

Yellow (53%)

Blue (57%)

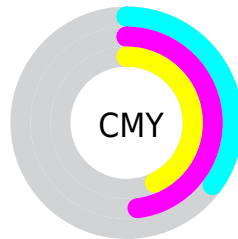


Cyan (0%)

Magenta (19%)

Yellow (12%)

Black (35%)



Cyan (35%)


Magenta (48%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 13.732, 354.072 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, 13.732, 354.072 by changing the saturation by 10% instead.


 59, 13.732,
354.072


 59, 13.732,
354.072


 100, 13.732,
354.072


 49, 13.732,
354.072


 79, 13.732,
354.072

 39, 13.732,
354.072

 89, 13.732,
354.072

 29, 13.732,
354.072

 99, 13.732,
354.072

 19, 13.732,
354.072

 9, 13.732, 354.072

 0, 13.732, 354.072

59, 13.732,
354.072

59, 13.732,
354.072

55, 21.312,
355.267

64, 6.322, 353.017

50, 28.940,
356.657

68, 0.840, 172.649

73, 7.722, 171.421

46, 36.411,
358.319

78, 14.318,
170.671

43, 43.440, 0.353

83, 20.633,
170.001

40, 49.682, 2.890

87, 26.683,
169.393

37, 54.803, 6.096

36, 58.614, 10.132

92, 32.487,
168.835

35, 61.416, 14.930

94, 32.532,
173.905

35, 61.770, 15.499

■ 94, 30.100,
183.143

Harmonies

Complementary

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



59, 13.732, 354.072



65, 13.147, 170.563

Rectangle

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



59, 13.732, 354.072



59, 13.732, 44.072



59, 13.732, 174.072



59, 13.732, 224.072

Sweetspot

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



59, 13.730, 354.076



82, 5.310, 352.735



59, 19.138, 314.365



43, 3.519, 352.800



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 13.730, 354.076



73, 20.927, 354.606



60, 11.208, 32.336



32, 4.034, 353.064



30, 56.215, 14.863



1, 6.062, 354.491

Inverse Universe

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



59, 13.730, 354.076



73, 20.927, 354.606



64, 9.895, 212.143



32, 4.034, 353.064



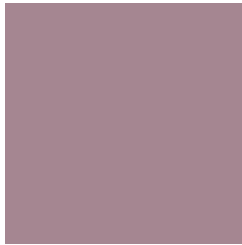
30, 56.215, 14.863



1, 6.062, 354.491

Previews

White Background



This preview shows how the CIELCh color 59, 13.732, 354.072 looks on a white background.

Color Contrast Check

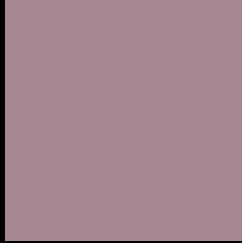
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.732, 354.072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

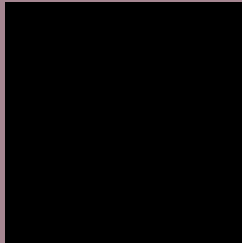
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 13.732, 354.072

Background



This preview shows how black text looks on a background with the CIELCh color 59, 13.732, 354.072.



This preview shows how white text looks on a background with the CIELCh color 59, 13.732, 354.072.

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, 13.732, 354.072

Protanopia

59, 4.614, 300.234

Deuteranopia

59, 7.513, 353.357



Tritanopia
59, 13.514, 356.241

Trichromacy



Original Color
59, 13.732, 354.072

Protanomaly
59, 7.211, 335.136

Deuteranomaly
59, 10.149, 354.062

Tritanomaly
59, 13.514, 356.241

Monochromacy



Original Color
59, 13.732, 354.072

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 5.236, 354.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 13.732, 354.072 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(165, 134, 145)` looks like.

```
.text, #text, p{  
    color:rgb(165, 134, 145)  
}
```

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(165, 134, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 134, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 13.732, 354.072 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(165, 134, 145) }
```

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

```
.border{ border-color:rgb(165, 134, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 134, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 134, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 134, 145);  
box-shadow:4px 4px 4px 4px rgb(165, 134,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 13.732, 354.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 134, 145) }
```

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

```
.background{ background-color: rgb(165,  
134, 145) }
```

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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