

Converting Colors

CIELCh(59, 4.777, 100.601)

Have a look what the booklet for
CIELCh(59, 4.777, 100.601) contains.

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Color

CIELCh(59, 4.577, 99.617)

Conversions

Conversions Part 1

Format	Color
Hex	908E86
RGB	144, 142, 134
RGB Percent	56%, 56%, 53%
CMY	0.4350, 0.4428, 0.4742
CMYK	0.00, 0.01, 0.07, 0.43
HSL	48°, 4%, 55%
HSV	48°, 7%, 57%
XYZ	25.5072, 27.0277, 26.4539
YIQ	141.6860, 3.7600, -2.0640

Conversions

Conversions Part 2

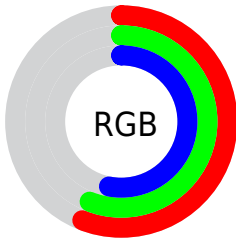
Format	Color
R_{YB}	137, 144, 134
Decimal	9473670
CIE Lab	59.00, -0.76, 4.51
CIE LCh	59, 4.577, 99.617
Yxy	27.0277, 0.3229, 0.3422
Android (android.graphics.Color)	4287663750 (0xFF908E86)
YUV	141.6860, -3.7892, 2.0294
Hunter-Lab	51.9882, -3.4011, 6.2224

Details

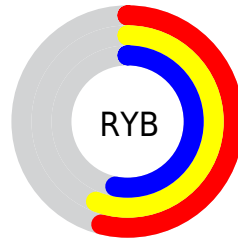
The CIELCh color $59, 4.577, 99.617$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 4.623, 281.234$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 4.836, 100.832$, and $39, 4.948, 99.268$ is the 20% darker color. If you saturate the color by 10%, you get $58, 11.226, 98.526$, and if you desaturate by 10%, it is $60, 2.019, 280.809$.

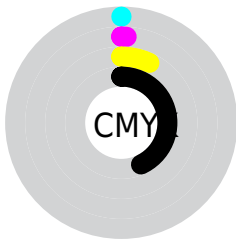
Distribution



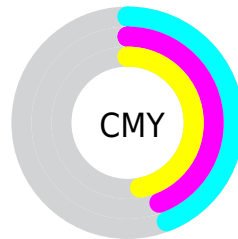
- Red (56%)
- Green (56%)
- Blue (53%)



- Red (54%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (43%)



- Cyan (44%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 4.577, 99.617 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, 4.577, 99.617 by changing the saturation by 10% instead.

■ 59, 4.577, 99.617 ■ 59, 4.577, 99.617

■ 100, 4.577, 99.617 ■ 49, 4.577, 99.617

■ 79, 4.577, 99.617 ■ 39, 4.577, 99.617

■ 89, 4.577, 99.617 ■ 29, 4.577, 99.617

■ 99, 4.577, 99.617 ■ 19, 4.577, 99.617

■ 9, 4.577, 99.617

■ 0, 4.577, 99.617

■ 59, 4.577, 99.617 ■ 59, 4.577, 99.617

■ 58, 11.226, 98.526 ■ 60, 2.019, 280.809

■ 57, 17.903, 97.376 ■ 61, 8.554, 281.809

56, 24.567, 96.199

63, 15.022,
282.806

55, 31.146, 95.003

64, 21.421,
283.761

54, 37.516, 93.793

53, 43.467, 92.570

65, 27.753,
284.670

52, 48.674, 91.324

67, 34.017,
285.533

51, 52.685, 90.028

50, 55.218, 88.648

68, 40.217,
286.350

69, 46.353,
287.122

70, 47.783,
286.532

Harmonies

Complementary

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



59, 4.577, 99.617



57, 4.623, 281.234

Rectangle

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



59, 4.577, 99.617



59, 4.577, 149.617



59, 4.577, 279.617



59, 4.577, 329.617

Sweetspot

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



59, 4.578, 99.634



75, 1.616, 100.106



57, 4.134, 3.773



40, 0.926, 100.114



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



59, 4.578, 99.634



74, 6.508, 99.503



59, 5.771, 121.427



30, 3.702, 99.393



47, 53.443, 88.333



2, 2.499, 100.417

Inverse Universe

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



57, 4.623, 281.234



71, 6.576, 281.378



56, 5.855, 302.188



28, 3.743, 281.499



18, 71.404, 301.757



0, 2.499, 280.421

Previews

White Background



This preview shows how the CIELCh color 59, 4.577, 99.617 looks on a white background.

Color Contrast Check

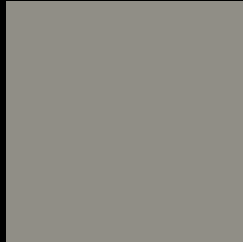
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.577, 99.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

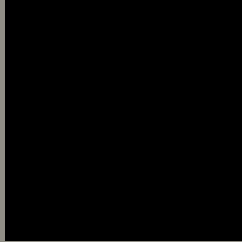
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

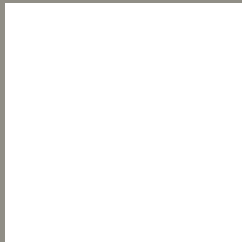
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 4.577, 99.617

Background



This preview shows how black text looks on a background with the CIELCh color 59, 4.577, 99.617.



This preview shows how white text looks on a background with the CIELCh color 59, 4.577, 99.617.

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, 4.577, 99.617

Protanopia

59, 4.416, 82.811

Deuteranopia

59, 8.557, 27.751



Tritanopia
59, 6.677, 310.927

Trichromacy



Original Color
59, 4.577, 99.617

Protanomaly
59, 4.252, 87.656

Deuteranomaly
59, 6.057, 41.686

Tritanomaly
59, 2.766, 324.515

Monochromacy



Original Color
59, 4.577, 99.617

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 1.730, 96.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 4.577, 99.617 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(144, 142, 134)` looks like.

```
.text, #text, p{  
    color:rgb(144, 142, 134)  
}
```

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(144, 142, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 142, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 4.577, 99.617 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(144, 142, 134) }
```

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

```
.border{ border-color:rgb(144, 142, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 142, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 142, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 142, 134);  
box-shadow:4px 4px 4px 4px rgb(144, 142,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 4.577, 99.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 142, 134) }
```

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

```
.background{ background-color: rgb(144,  
142, 134) }
```

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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