

Converting Colors

CIELCh(59, 3.411, 89.090)

Have a look what the booklet for
CIELCh(59, 3.411, 89.090) contains.

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Color

CIELCh(59, 3.577, 90.330)

Conversions

Conversions Part 1

Format	Color
Hex	918E88
RGB	145, 142, 136
RGB Percent	57%, 56%, 53%
CMY	0.4325, 0.4442, 0.4677
CMYK	0.00, 0.02, 0.06, 0.43
HSL	40°, 4%, 55%
HSV	40°, 6%, 57%
XYZ	25.6842, 27.0277, 27.0534
YIQ	142.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

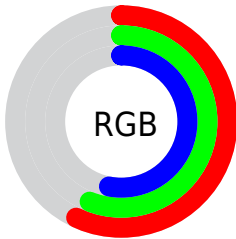
Format	Color
R_{YB}	141, 145, 136
Decimal	9539208
CIE _{Lab}	59.00, -0.02, 3.58
CIE _{LCh}	59, 3.577, 90.330
Yxy	27.0277, 0.3220, 0.3388
Android (android.graphics.Color)	4287729288 (0xFF918E88)
YUV	142.2130, -3.0630, 2.4442
Hunter-Lab	51.9882, -2.7936, 5.5387

Details

The CIELCh color $59, 3.577, 90.330$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 3.586, 271.970$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 3.874, 93.039$, and $39, 3.872, 90.000$ is the 20% darker color. If you saturate the color by 10%, you get $57, 9.443, 89.156$, and if you desaturate by 10%, it is $61, 2.167, 271.683$.

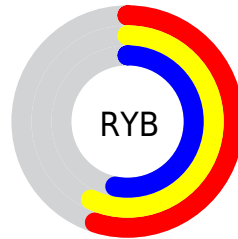
Distribution



Red (57%)

Green (56%)

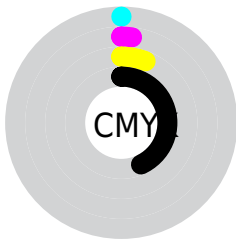
Blue (53%)



Red (55%)

Yellow (57%)

Blue (53%)

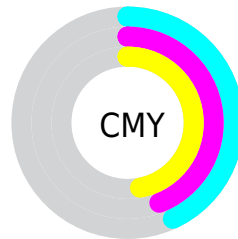


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (43%)



Cyan (43%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 3.577, 90.330 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, 3.577, 90.330 by changing the saturation by 10% instead.

■ 59, 3.577, 90.330

■ 59, 3.577, 90.330

■ 100, 3.577, 90.330

■ 49, 3.577, 90.330

■ 79, 3.577, 90.330

■ 39, 3.577, 90.330

■ 89, 3.577, 90.330

■ 29, 3.577, 90.330

■ 99, 3.577, 90.330

■ 19, 3.577, 90.330

■ 9, 3.577, 90.330

■ 0, 3.577, 90.330

■ 59, 3.577, 90.330

■ 59, 3.577, 90.330

■ 57, 9.443, 89.156

■ 61, 2.167, 271.683

■ 56, 15.424, 87.892

■ 62, 7.795, 272.760

54, 21.505, 86.586

64, 13.312,
273.841

52, 27.645, 85.241

66, 18.726,
274.879

51, 33.762, 83.852

49, 39.698, 82.401

68, 24.046,
275.867

48, 45.174, 80.843

70, 29.278,
276.806

47, 49.738, 79.087

45, 52.945, 77.023

72, 34.431,
277.696

73, 39.509,
278.539

75, 38.976,
276.126

Harmonies

Complementary

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



59, 3.577, 90.330



58, 3.586, 271.970

Rectangle

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



59, 3.577, 90.330



59, 3.577, 140.330



59, 3.577, 270.330



59, 3.577, 320.330

Sweetspot

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



59, 3.578, 90.355



76, 1.418, 90.746



57, 3.948, 354.157



40, 0.803, 90.750



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, 3.578, 90.355



75, 5.009, 90.249



60, 5.102, 116.275



30, 2.575, 90.227



42, 51.527, 76.467



1, 2.166, 91.147

Inverse Universe

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



58, 3.586, 271.970



73, 5.016, 272.085



57, 5.180, 297.152



29, 2.579, 272.108



22, 59.424, 295.652



1, 2.167, 271.154

Previews

White Background



This preview shows how the CIELCh color 59, 3.577, 90.330 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, 3.577, 90.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

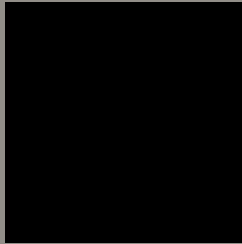
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

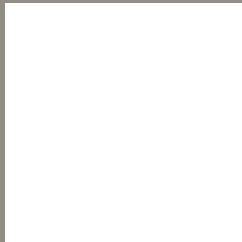
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 3.577, 90.330

Background



This preview shows how black text looks on a background with the CIELCh color 59, 3.577, 90.330.



This preview shows how white text looks on a background with the CIELCh color 59, 3.577, 90.330.

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, 3.577, 90.330

Protanopia

59, 3.438, 74.528

Deuteranopia

59, 8.435, 20.217



Tritanopia
59, 6.991, 316.869

Trichromacy



Original Color
59, 3.577, 90.330

Protanomaly
59, 3.438, 74.528

Deuteranomaly
59, 5.705, 31.261

Tritanomaly
59, 3.693, 329.567

Monochromacy



Original Color
59, 3.577, 90.330

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 1.186, 90.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 3.577, 90.330 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(145, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(145, 142, 136)  
}
```

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(145, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 142, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 3.577, 90.330 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(145, 142, 136) }
```

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

```
.border{ border-color:rgb(145, 142, 136) }
```

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

Here you see how a box with a 4 pixel rgb(145, 142, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(145, 142,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 3.577, 90.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 142, 136) }
```

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

```
.background{ background-color: rgb(145,  
142, 136) }
```

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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