

Converting Colors

CIELCh(59, 39.316, 111.088)

Have a look what the booklet for
CIELCh(59, 39.316, 111.088)
contains.

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Color

CIELCh(59, 38.927, 110.921)

Conversions

Conversions Part 1

Format	Color
Hex	8B934C
RGB	139, 147, 76
RGB Percent	55%, 58%, 30%
CMY	0.4535, 0.4221, 0.7006
CMYK	0.05, 0.00, 0.48, 0.42
HSL	67°, 32%, 44%
HSV	67°, 48%, 58%
XYZ	22.5158, 27.0277, 10.9298
YIQ	136.5140, 18.0230, -23.7770

Conversions

Conversions Part 2

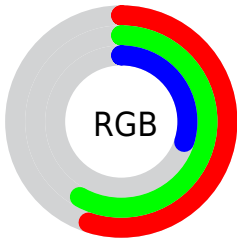
Format	Color
RYB	76, 147, 84
Decimal	9147212
CIELab	59.00, -13.90, 36.36
CIELCh	59, 38.927, 110.921
Yxy	27.0277, 0.3723, 0.4469
Android (android.graphics.Color)	4287337292 (0xFF8B934C)
YUV	136.5140, -29.8334, 2.1802
Hunter-Lab	51.9882, -13.6720, 23.9268

Details

The CIELCh color **59, 38.927, 110.921** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **36, 44.026, 299.891**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 38.737, 110.886**, and **39, 39.097, 111.339** is the 20% darker color. If you saturate the color by 10%, you get **59, 46.152, 110.281**, and if you desaturate by 10%, it is **59, 31.229, 111.645**.

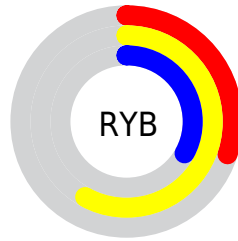
Distribution



 Red (55%)

 Green (58%)

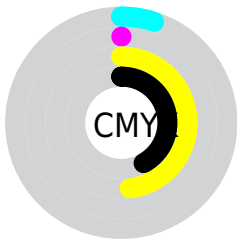
 Blue (30%)



 Red (30%)

 Yellow (58%)

 Blue (33%)

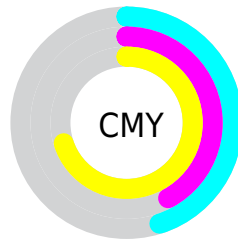


 Cyan (5%)

 Magenta (0%)

 Yellow (48%)

 Black (42%)



 Cyan (45%)


 Magenta (42%)


 Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 38.927, 110.921 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, 38.927, 110.921 by changing the saturation by 10% instead.


 59, 38.927,
110.921


 59, 38.927,
110.921


 100, 38.927,
110.921


 49, 38.927,
110.921


 79, 38.927,
110.921

 39, 38.927,
110.921

 89, 38.927,
110.921

 29, 38.927,
110.921

 99, 38.927,
110.921

 19, 38.927,
110.921

 9, 38.927, 110.921

 0, 38.927, 110.921

■ 59, 38.927,
110.921

■ 59, 38.927,
110.921

■ 59, 46.152,
110.281

■ 59, 31.229,
111.645

■ 58, 52.639,
109.766

■ 60, 23.234,
112.410

■ 58, 58.047,
109.440

■ 60, 15.065,
113.191

■ 58, 62.008,
109.371

■ 61, 6.799, 113.970

■ 58, 64.521,
109.557

■ 61, 1.508, 294.748

■ 58, 64.950,
109.593

■ 62, 9.822, 295.479

■ 62, 18.116,
296.188

■ 63, 26.371,
296.864

■ 64, 34.574,
297.503

Harmonies

Complementary

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



59, 38.927, 110.921



36, 44.026, 299.891

Rectangle

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



59, 38.927, 110.921



59, 38.927, 160.921



59, 38.927, 290.921



59, 38.927, 340.921

Sweetspot

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



59, 38.928, 110.923



77, 14.352, 113.497



43, 30.187, 31.448



40, 9.982, 113.342



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



59, 38.928, 110.923



75, 56.763, 110.223



57, 43.058, 130.286



31, 4.700, 113.892



54, 61.812, 109.553



3, 4.129, 114.599

Inverse Universe

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



36, 44.026, 299.891



41, 66.738, 301.580



40, 45.320, 314.573



29, 4.799, 295.352



15, 83.952, 306.788



0, 4.130, 294.599

Previews

White Background



This preview shows how the CIELCh color 59, 38.927, 110.921 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, 38.927, 110.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

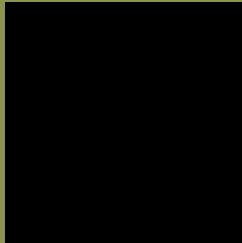
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 38.927, 110.921

Background



This preview shows how black text looks on a background with the CIELCh color 59, 38.927, 110.921.



This preview shows how white text looks on a background with the CIELCh color 59, 38.927, 110.921.

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, 38.927, 110.921

Protanopia
59, 37.990, 96.156

Deuteranopia
59, 36.225, 77.791



Tritanopia
59, 7.170, 319.647

Trichromacy



Original Color
59, 38.927, 110.921

Protanomaly
59, 37.946, 101.674

Deuteranomaly
59, 35.445, 89.791

Tritanomaly
59, 10.778, 102.371

Monochromacy



Original Color
59, 38.927, 110.921

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 14.727, 113.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 38.927, 110.921 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(139, 147, 76)` looks like.

```
.text, #text, p{  
    color:rgb(139, 147, 76)  
}
```

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(139, 147, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 147, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 38.927, 110.921 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(139, 147, 76) }
```

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

```
.border{ border-color:rgb(139, 147, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 147, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 147, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 147, 76);  
box-shadow:4px 4px 4px 4px rgb(139, 147,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 38.927, 110.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 147, 76) }
```

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

```
.background{ background-color: rgb(139,  
147, 76) }
```

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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