

Converting Colors

CIELCh(59, 54.639, 90.946)

Have a look what the booklet for
CIELCh(59, 54.639, 90.946) contains.

CIELCh(59, 54.442, 90.938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 54.442, 90.938)

Conversions

Conversions Part 1

Format	Color
Hex	A68C26
RGB	166, 140, 38
RGB Percent	65%, 55%, 15%
CMY	0.3488, 0.4507, 0.8507
CMYK	0.00, 0.16, 0.77, 0.35
HSL	48°, 63%, 40%
HSV	48°, 77%, 65%
XYZ	25.4772, 27.0277, 5.7134
YIQ	136.1460, 48.2380, -26.2100

Conversions

Conversions Part 2

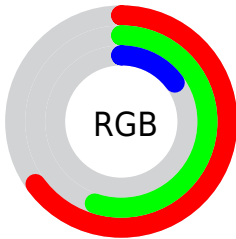
Format	Color
R_{YB}	71, 166, 38
Decimal	10914854
CIE Lab	59.00, -0.89, 54.43
CIE LCh	59, 54.442, 90.938
Yxy	27.0277, 0.4376, 0.4642
Android (android.graphics.Color)	4289104934 (0xFFA68C26)
YUV	136.1460, -48.3860, 26.1820
Hunter-Lab	51.9882, -3.5042, 29.8759

Details

The CIELCh color **59, 54.442, 90.938** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **31, 63.995, 295.699**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 54.382, 90.920**, and **39, 46.581, 90.138** is the 20% darker color. If you saturate the color by 10%, you get **58, 58.771, 89.605**, and if you desaturate by 10%, it is **60, 48.702, 92.215**.

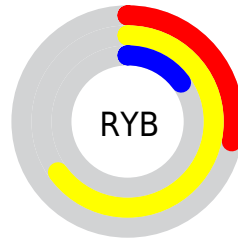
Distribution



Red (65%)

Green (55%)

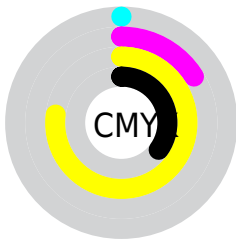
Blue (15%)



Red (28%)

Yellow (65%)

Blue (15%)

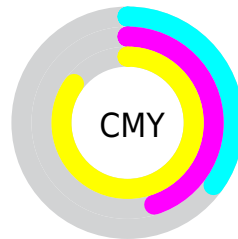


Cyan (0%)

Magenta (16%)

Yellow (77%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.442, 90.938 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, 54.442, 90.938 by changing the saturation by 10% instead.

■ 59, 54.442, 90.938

■ 59, 54.442, 90.938

■ 100, 54.442,
90.938

■ 49, 54.442, 90.938

■ 79, 54.442, 90.938

■ 39, 54.442, 90.938

■ 89, 54.442, 90.938

■ 29, 54.442, 90.938

■ 99, 54.442, 90.938

■ 19, 54.442, 90.938

■ 9, 54.442, 90.938

■ 0, 54.442, 90.938

■ 59, 54.442, 90.938

■ 59, 54.442, 90.938

■ 58, 58.771, 89.605

■ 60, 48.702, 92.215

■ 57, 61.296, 88.160

■ 61, 42.080, 93.463

57, 61.941, 87.738

62, 34.964, 94.694

63, 27.601, 95.911

65, 20.139, 97.107

66, 12.664, 98.276

67, 5.222, 99.402

69, 2.160, 280.596

70, 9.470, 281.609

Harmonies

Complementary

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



59, 54.442, 90.938



31, 63.995, 295.699

Rectangle

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



59, 54.442, 90.938



59, 54.442, 140.938



59, 54.442, 270.938



59, 54.442, 320.938

Sweetspot

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



59, 54.442, 90.941



83, 21.231, 97.538



38, 55.053, 16.801



44, 14.825, 97.126



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 54.442, 90.941



73, 73.898, 88.656



63, 65.031, 117.696



35, 4.228, 99.158



51, 56.939, 87.904



5, 7.214, 96.210

Inverse Universe

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



31, 63.995, 295.699



34, 96.233, 300.555



28, 78.790, 307.479



33, 4.275, 281.324



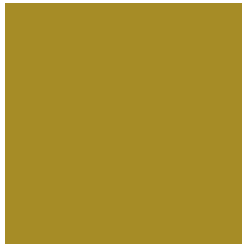
20, 76.512, 301.864



1, 7.956, 281.874

Previews

White Background



This preview shows how the CIELCh color 59, 54.442, 90.938 looks on a white background.

Color Contrast Check

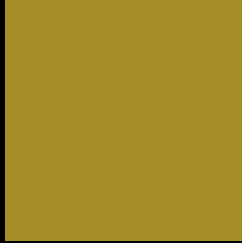
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.442, 90.938 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, 54.442, 90.938

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.442, 90.938.



This preview shows how white text looks on a background with the CIELCh color 59, 54.442, 90.938.

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, 54.442, 90.938

Protanopia

59, 54.027, 94.951

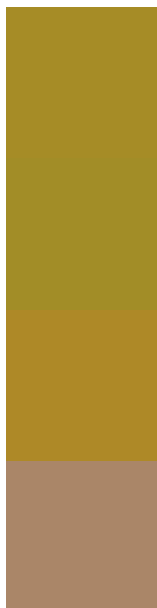
Deuteranopia

59, 54.584, 82.232



Tritanopia
59, 17.726, 2.922

Trichromacy



Original Color
59, 54.442, 90.938

Protanomaly
59, 53.911, 93.414

Deuteranomaly
59, 54.568, 85.347

Tritanomaly
59, 23.439, 65.923

Monochromacy



Original Color
59, 54.442, 90.938

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 21.349, 95.943

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.442, 90.938 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(166, 140, 38)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 38)  
}
```

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(166, 140, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.442, 90.938 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(166, 140, 38) }
```

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

```
.border{ border-color:rgb(166, 140, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 140, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 38);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.442, 90.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 140, 38) }
```

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

```
.background{ background-color: rgb(166,  
140, 38) }
```

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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