

Converting Colors

CIELCh(59, 62.420, 86.662)

Have a look what the booklet for
CIELCh(59, 62.420, 86.662) contains.

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Color

CIELCh(59, 62.266, 86.641)

Conversions

Conversions Part 1

Format	Color
Hex	AE890B
RGB	174, 137, 11
RGB Percent	68%, 54%, 4%
CMY	0.3164, 0.4616, 0.9584
CMYK	0.00, 0.21, 0.94, 0.32
HSL	46°, 89%, 36%
HSV	46°, 94%, 68%
XYZ	26.5686, 27.0277, 4.1213
YIQ	133.6990, 62.4980, -31.3420

Conversions

Conversions Part 2

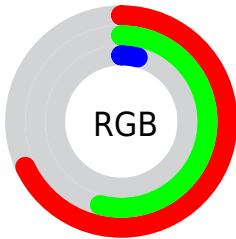
Format	Color
RYB	59, 174, 11
Decimal	11438347
CIELab	59.00, 3.65, 62.16
CIElCh	59, 62.266, 86.641
Yxy	27.0277, 0.4603, 0.4683
Android (android.graphics.Color)	4289628427 (0xFFAE890B)
YUV	133.6990, -60.4906, 35.3440
Hunter-Lab	51.9882, 0.2433, 31.6916

Details

The CIELCh color **59, 62.266, 86.641** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **27, 79.928, 299.784**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 62.292, 86.461**, and **39, 47.334, 84.492** is the 20% darker color. If you saturate the color by 10%, you get **58, 63.574, 85.646**, and if you desaturate by 10%, it is **60, 59.082, 88.202**.

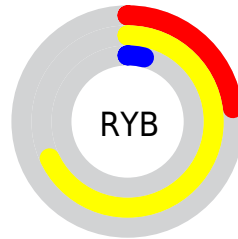
Distribution



Red (68%)

Green (54%)

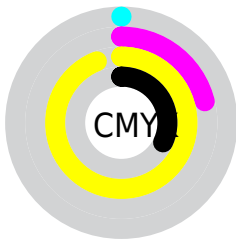
Blue (4%)



Red (23%)

Yellow (68%)

Blue (4%)

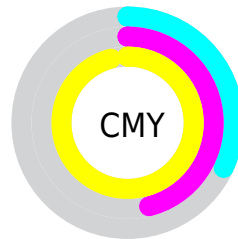


Cyan (0%)

Magenta (21%)

Yellow (94%)

Black (32%)



Cyan (32%)

Magenta (46%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 62.266, 86.641 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, 62.266, 86.641 by changing the saturation by 10% instead.

■ 59, 62.266, 86.641

■ 59, 62.266, 86.641

■ 100, 62.266,
86.641

■ 49, 62.266, 86.641

■ 79, 62.266, 86.641

■ 39, 62.266, 86.641

■ 89, 62.266, 86.641

■ 29, 62.266, 86.641

■ 99, 62.266, 86.641

■ 19, 62.266, 86.641

■ 9, 62.266, 86.641

■ 0, 62.266, 86.641

■ 59, 62.266, 86.641

■ 59, 62.266, 86.641

■ 58, 63.574, 85.646

■ 60, 59.082, 88.202

■ 61, 54.042, 89.614

62, 47.746, 90.949

64, 40.712, 92.245

65, 33.294, 93.516

66, 25.707, 94.764

68, 18.075, 95.985

69, 10.468, 97.171

71, 2.922, 98.288

Harmonies

Complementary

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



59, 62.266, 86.641



27, 79.928, 299.784

Rectangle

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



59, 62.266, 86.641



59, 62.266, 136.641



59, 62.266, 266.641



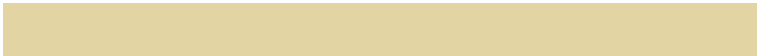
59, 62.266, 316.641

Sweetspot

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



59, 62.265, 86.644



85, 26.273, 95.429



37, 65.538, 23.469



45, 18.304, 94.909



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 62.265, 86.644



74, 77.314, 85.292



66, 74.477, 117.687



36, 4.231, 97.701



51, 57.102, 85.880



5, 8.209, 93.357

Inverse Universe

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



27, 79.928, 299.784



34, 105.279, 301.898



24, 94.937, 307.887



34, 4.270, 279.919



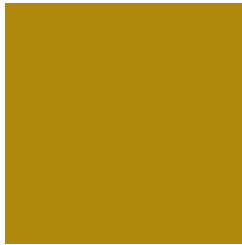
21, 75.500, 301.064



2, 9.346, 281.318

Previews

White Background



This preview shows how the CIELCh color 59, 62.266, 86.641 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, 62.266, 86.641 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, 62.266, 86.641

Background



This preview shows how black text looks on a background with the CIELCh color 59, 62.266, 86.641.



This preview shows how white text looks on a background with the CIELCh color 59, 62.266, 86.641.

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, 62.110, 86.620

Protanopia

59, 61.502, 95.609

Deuteranopia

59, 62.323, 83.045



Tritanopia
59, 22.064, 8.731

Trichromacy



Original Color
59, 62.110, 86.620

Protanomaly
59, 61.597, 92.462

Deuteranomaly
59, 62.276, 84.407

Tritanomaly
59, 31.846, 64.747

Monochromacy



Original Color
59, 62.110, 86.620

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 26.704, 93.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 62.266, 86.641 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(174, 137, 11)` looks like.

```
.text, #text, p{  
    color:rgb(174, 137, 11)  
}
```

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(174, 137, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 137, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 62.266, 86.641 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(174, 137, 11) }
```

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

```
.border{ border-color:rgb(174, 137, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 137, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 137, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 137, 11);  
box-shadow:4px 4px 4px 4px rgb(174, 137,  
11) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 62.266, 86.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 137, 11) }
```

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

```
.background{ background-color: rgb(174,  
137, 11) }
```

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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