

Converting Colors

CIELCh(59, 46.505, 82.692)

Have a look what the booklet for
CIELCh(59, 46.505, 82.692) contains.

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Color

CIELCh(59, 46.542, 82.638)

Conversions

Conversions Part 1

Format	Color
Hex	AE883A
RGB	174, 136, 58
RGB Percent	68%, 53%, 23%
CMY	0.3164, 0.4656, 0.7715
CMYK	0.00, 0.22, 0.67, 0.32
HSL	40°, 50%, 46%
HSV	40°, 67%, 68%
XYZ	27.1372, 27.0277, 7.8251
YIQ	138.4700, 47.6860, -16.2020

Conversions

Conversions Part 2

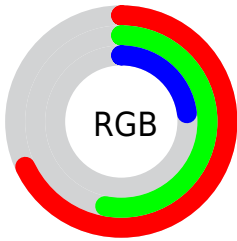
Format	Color
R _Y B	115, 174, 58
Decimal	11438138
CIE Lab	59.00, 5.96, 46.16
CIE LCh	59, 46.542, 82.638
Yxy	27.0277, 0.4378, 0.4360
Android (android.graphics.Color)	4289628218 (0xFFAE883A)
YUV	138.4700, -39.6717, 31.1598
Hunter-Lab	51.9882, 2.1953, 27.4676

Details

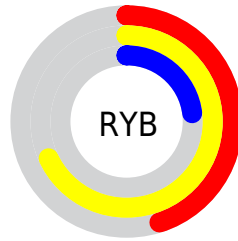
The CIELCh color **59, 46.542, 82.638** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **42, 47.396, 285.264**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 46.260, 82.651**, and **39, 46.522, 82.955** is the 20% darker color. If you saturate the color by 10%, you get **57, 52.781, 81.045**, and if you desaturate by 10%, it is **61, 39.684, 84.120**.

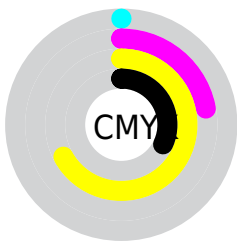
Distribution



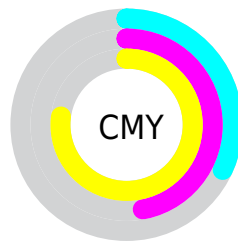
- Red (68%)
- Green (53%)
- Blue (23%)



- Red (45%)
- Yellow (68%)
- Blue (23%)



- Cyan (0%)
- Magenta (22%)
- Yellow (67%)
- Black (32%)



- Cyan (32%)
- Magenta (47%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 46.542, 82.638 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, 46.542, 82.638 by changing the saturation by 10% instead.

■ 59, 46.542, 82.638

■ 59, 46.542, 82.638

■ 100, 46.542,
82.638

■ 49, 46.542, 82.638

■ 79, 46.542, 82.638

■ 39, 46.542, 82.638

■ 89, 46.542, 82.638

■ 29, 46.542, 82.638

■ 99, 46.542, 82.638

■ 19, 46.542, 82.638

■ 9, 46.542, 82.638

■ 0, 46.542, 82.638

■ 59, 46.542, 82.638

■ 59, 46.542, 82.638

■ 57, 52.781, 81.045

■ 61, 39.684, 84.120

■ 56, 57.830, 79.231

■ 62, 32.570, 85.532

■ 54, 61.087, 77.055

■ 64, 25.404, 86.898

■ 54, 62.080, 76.304

■ 66, 18.295, 88.224

■ 68, 11.296, 89.508

■ 70, 4.429, 90.727

■ 72, 2.299, 272.073

■ 74, 8.892, 273.160

■ 76, 15.356,
274.255

Harmonies

Complementary

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



59, 46.542, 82.638



42, 47.396, 285.264

Rectangle

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



59, 46.542, 82.638



59, 46.542, 132.638



59, 46.542, 262.638



59, 46.542, 312.638

Sweetspot

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



59, 46.542, 82.641



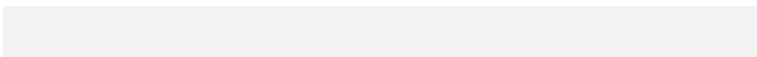
85, 16.962, 89.028



43, 50.419, 4.005



45, 11.698, 88.674



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, 46.542, 82.641



72, 67.492, 80.204



68, 59.426, 112.399



36, 3.812, 90.405



47, 55.723, 76.663



5, 7.307, 83.494

Inverse Universe

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



42, 47.396, 285.264



47, 71.836, 290.255



33, 71.534, 304.008



34, 3.814, 272.797



25, 65.461, 296.318



2, 8.545, 276.054

Previews

White Background



This preview shows how the CIELCh color 59, 46.542, 82.638 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, 46.542, 82.638 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, 46.542, 82.638

Background



This preview shows how black text looks on a background with the CIELCh color 59, 46.542, 82.638.



This preview shows how white text looks on a background with the CIELCh color 59, 46.542, 82.638.

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, 46.542, 82.638

Protanopia

59, 44.994, 95.531

Deuteranopia

59, 46.535, 80.211



Tritanopia
59, 21.739, 6.968

Trichromacy



Original Color
59, 46.542, 82.638

Protanomaly
59, 45.448, 90.804

Deuteranomaly
59, 46.314, 80.720

Tritanomaly
59, 24.284, 51.405

Monochromacy



Original Color
59, 46.542, 82.638

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 16.943, 87.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 46.542, 82.638 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, 136, 58)` looks like.

```
.text, #text, p{  
    color:rgb(174, 136, 58)  
}
```

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, 136, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 136, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 46.542, 82.638 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, 136, 58) }
```

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

```
.border{ border-color:rgb(174, 136, 58) }
```

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

Here you see how a box with a 4 pixel rgb(174, 136, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 136, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 136, 58);  
box-shadow:4px 4px 4px 4px rgb(174, 136,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 46.542, 82.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 136, 58) }
```

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

```
.background{ background-color: rgb(174,  
136, 58) }
```

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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