

Converting Colors

CIELCh(64, 59.614, 74.439)

Have a look what the booklet for
CIELCh(64, 59.614, 74.439) contains.

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Color

CIELCh(64, 59.429, 74.205)

Conversions

Conversions Part 1

Format	Color
Hex	CE8E2F
RGB	206, 142, 47
RGB Percent	81%, 56%, 18%
CMY	0.1909, 0.4420, 0.8146
CMYK	0.00, 0.31, 0.77, 0.19
HSL	36°, 63%, 50%
HSV	36°, 77%, 81%
XYZ	35.7737, 32.8017, 7.1653
YIQ	150.3060, 68.6390, -15.9770

Conversions

Conversions Part 2

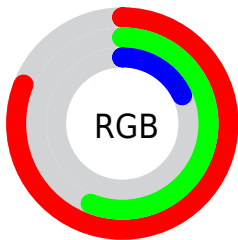
Format	Color
RYB	154, 206, 47
Decimal	13536815
CIELab	64.00, 16.18, 57.19
CIELCh	64, 59.429, 74.205
Yxy	32.8017, 0.4723, 0.4331
Android (android.graphics.Color)	4291726895 (0xFFCE8E2F)
YUV	150.3060, -50.9299, 48.8436
Hunter-Lab	57.2727, 11.2675, 32.6733

Details

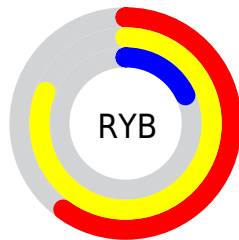
The CIELCh color **64, 59.429, 74.205** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **48, 56.541, 283.516**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 56.457, 78.738**, and **44, 54.738, 72.425** is the 20% darker color. If you saturate the color by 10%, you get **62, 65.563, 72.196**, and if you desaturate by 10%, it is **66, 52.036, 75.902**.

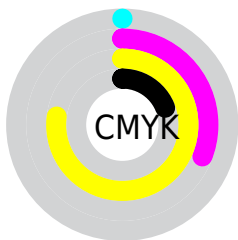
Distribution



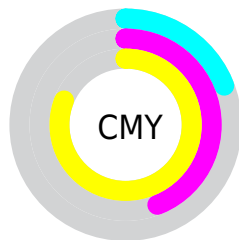
- Red (81%)
- Green (56%)
- Blue (18%)



- Red (60%)
- Yellow (81%)
- Blue (18%)



- Cyan (0%)
- Magenta (31%)
- Yellow (77%)
- Black (19%)



- Cyan (19%)
- Magenta (44%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 59.429, 74.205 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 64, 59.429, 74.205 by changing the saturation by 10% instead.

64, 59.429, 74.205

64, 59.429, 74.205

100, 59.429,
74.205

54, 59.429, 74.205

84, 59.429, 74.205

44, 59.429, 74.205

94, 59.429, 74.205

34, 59.429, 74.205

24, 59.429, 74.205

14, 59.429, 74.205

4, 59.429, 74.205

0, 59.429, 74.205

64, 59.429, 74.205

64, 59.429, 74.205

62, 65.563, 72.196

66, 52.036, 75.902

60, 69.621, 69.637

68, 44.086, 77.435

59, 70.649, 68.871

71, 35.992, 78.884

73, 27.971, 80.285

76, 20.126, 81.647

78, 12.498, 82.969

81, 5.097, 84.226

84, 2.083, 265.678

86, 9.057, 266.771

Harmonies

Complementary

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



64, 59.429, 74.205



48, 56.541, 283.516

Rectangle

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



64, 59.429, 74.205



64, 59.429, 124.205



64, 59.429, 254.205



64, 59.429, 304.205

Sweetspot

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



64, 59.428, 74.208



93, 20.181, 82.154



48, 65.008, 0.890



48, 14.047, 81.666



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 59.428, 74.208



74, 80.107, 70.719



80, 74.772, 107.914



42, 4.062, 83.946



48, 59.976, 69.445



9, 14.707, 70.357

Inverse Universe

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



48, 56.541, 283.516



51, 81.158, 289.871



33, 95.550, 304.267



41, 4.029, 266.468



31, 62.456, 291.886



4, 16.969, 278.367

Previews

White Background



This preview shows how the CIELCh color 64, 59.429, 74.205 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64, 59.429, 74.205 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 ✓ Pass

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

CIELCh 64, 59.429, 74.205

Background



This preview shows how black text looks on a background with the CIELCh color 64, 59.429, 74.205.



This preview shows how white text looks on a background with the CIELCh color 64, 59.429, 74.205.

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

64, 59.429, 74.205

Protanopia

64, 54.982, 95.595

Deuteranopia

64, 58.307, 82.104



Tritanopia
64, 32.447, 13.314

Trichromacy



Original Color
64, 59.429, 74.205

Protanomaly
64, 55.401, 87.297

Deuteranomaly
64, 58.494, 79.258

Tritanomaly
64, 36.756, 46.627

Monochromacy



Original Color
64, 59.429, 74.205

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 21.940, 81.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 59.429, 74.205 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(206, 142, 47)` looks like.

```
.text, #text, p{  
    color:rgb(206, 142, 47)  
}
```

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(206, 142, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 142, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 59.429, 74.205 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(206, 142, 47) }
```

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

```
.border{ border-color:rgb(206, 142, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 142, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 142, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 142, 47);  
box-shadow:4px 4px 4px 4px rgb(206, 142,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 59.429, 74.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 142, 47) }
```

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

```
.background{ background-color: rgb(206,  
142, 47) }
```

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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