

Converting Colors

CIELCh(64, 60.929, 75.282)

Have a look what the booklet for
CIELCh(64, 60.929, 75.282) contains.

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Color

CIELCh(64, 60.926, 75.280)

Conversions

Conversions Part 1

Format	Color
Hex	CE8F2B
RGB	206, 143, 43
RGB Percent	81%, 56%, 17%
CMY	0.1935, 0.4403, 0.8326
CMYK	0.00, 0.31, 0.79, 0.19
HSL	37°, 66%, 49%
HSV	37°, 79%, 81%
XYZ	35.5674, 32.8017, 6.7116
YIQ	150.4370, 69.6480, -17.7440

Conversions

Conversions Part 2

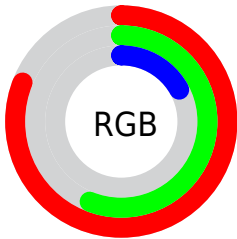
Format	Color
R _Y B	146, 206, 43
Decimal	13537067
CIE Lab	64.00, 15.48, 58.93
CIE LCh	64, 60.926, 75.280
Yxy	32.8017, 0.4737, 0.4369
Android (android.graphics.Color)	4291727147 (0xFFCE8F2B)
YUV	150.4370, -52.9664, 48.7288
Hunter-Lab	57.2727, 10.6244, 33.1429

Details

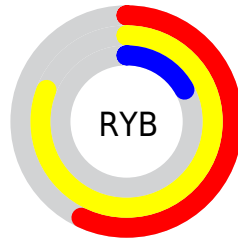
The CIELCh color **64, 60.926, 75.280** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **46, 59.673, 285.642**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 58.356, 79.888**, and **44, 54.723, 73.053** is the 20% darker color. If you saturate the color by 10%, you get **62, 66.501, 73.190**, and if you desaturate by 10%, it is **66, 53.858, 77.027**.

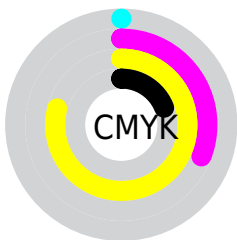
Distribution



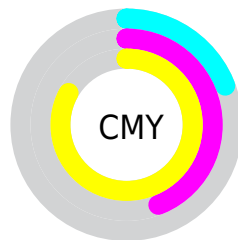
- Red (81%)
- Green (56%)
- Blue (17%)



- Red (57%)
- Yellow (81%)
- Blue (17%)



- Cyan (0%)
- Magenta (31%)
- Yellow (79%)
- Black (19%)



- Cyan (19%)
- Magenta (44%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 60.926, 75.280 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, 60.926, 75.280 by changing the saturation by 10% instead.

64, 60.926, 75.280

64, 60.926, 75.280

100, 60.926,
75.280

54, 60.926, 75.280

84, 60.926, 75.280

44, 60.926, 75.280

94, 60.926, 75.280

34, 60.926, 75.280

24, 60.926, 75.280

14, 60.926, 75.280

4, 60.926, 75.280

0, 60.926, 75.280

64, 60.926, 75.280

64, 60.926, 75.280

62, 66.501, 73.190

66, 53.858, 77.027

60, 70.052, 70.603

68, 46.057, 78.590

60, 70.310, 70.411

71, 37.999, 80.059

73, 29.944, 81.473

75, 22.021, 82.846

78, 14.288, 84.177

80, 6.763, 85.455

83, 0.554, 267.269

85, 7.673, 268.000

Harmonies

Complementary

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



64, 60.926, 75.280



46, 59.673, 285.642

Rectangle

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



64, 60.926, 75.280



64, 60.926, 125.280



64, 60.926, 255.280



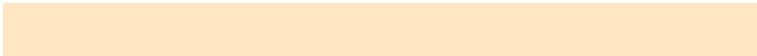
64, 60.926, 305.280

Sweetspot

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



64, 60.925, 75.283



93, 21.369, 83.510



47, 65.716, 2.967



48, 14.755, 83.026



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, 60.925, 75.283



74, 81.188, 71.399



79, 75.951, 108.734



42, 4.123, 85.437



49, 59.853, 70.960



9, 14.839, 72.393

Inverse Universe

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



46, 59.673, 285.642



49, 86.499, 292.253



32, 97.629, 304.800



40, 4.098, 267.947



30, 64.302, 293.028



4, 17.268, 279.327

Previews

White Background



This preview shows how the CIELCh color 64, 60.926, 75.280 looks on a white background.

Color Contrast Check

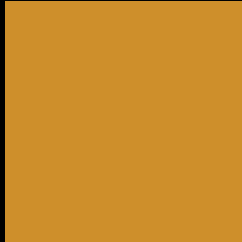
Large Text (above 18pt) WCAG AA × Fail

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, 60.926, 75.280 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, 60.926, 75.280

Background



This preview shows how black text looks on a background with the CIELCh color 64, 60.926, 75.280.



This preview shows how white text looks on a background with the CIELCh color 64, 60.926, 75.280.

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, 60.926, 75.280

Protanopia

64, 56.916, 95.658

Deuteranopia

64, 59.723, 82.443



Tritanopia
64, 32.447, 13.314

Trichromacy



Original Color
64, 60.926, 75.280

Protanomaly
64, 57.309, 87.615

Deuteranomaly
64, 59.920, 79.667

Tritanomaly
64, 36.940, 48.234

Monochromacy



Original Color
64, 60.926, 75.280

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 22.474, 81.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 60.926, 75.280 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, 143, 43)` looks like.

```
.text, #text, p{  
    color:rgb(206, 143, 43)  
}
```

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, 143, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 143, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 60.926, 75.280 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, 143, 43) }
```

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

```
.border{ border-color:rgb(206, 143, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 143, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 143, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 143, 43);  
box-shadow:4px 4px 4px 4px rgb(206, 143,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 60.926, 75.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 143, 43) }
```

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

```
.background{ background-color: rgb(206,  
143, 43) }
```

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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