

Converting Colors

CIELCh(60, 62.607, 87.729)

Have a look what the booklet for
CIELCh(60, 62.607, 87.729) contains.

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Color

CIELCh(60, 62.760, 87.805)

Conversions

Conversions Part 1

Format	Color
Hex	B08D0C
RGB	176, 141, 12
RGB Percent	69%, 55%, 5%
CMY	0.3117, 0.4487, 0.9524
CMYK	0.00, 0.20, 0.93, 0.31
HSL	47°, 87%, 37%
HSV	47°, 93%, 69%
XYZ	27.3231, 28.1233, 4.3403
YIQ	136.7590, 62.2690, -32.6990

Conversions

Conversions Part 2

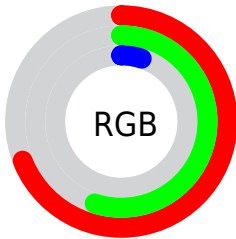
Format	Color
RYB	56, 176, 12
Decimal	11570444
CIELab	60.00, 2.40, 62.71
CIELCh	60, 62.760, 87.805
Yxy	28.1233, 0.4570, 0.4704
Android (android.graphics.Color)	4289760524 (0xFFB08D0C)
YUV	136.7590, -61.5062, 34.4144
Hunter-Lab	53.0314, -0.8373, 32.2694

Details

The CIELCh color **60, 62.760, 87.805** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **27, 80.921, 300.067**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 63.123, 87.584**, and **40, 48.115, 85.540** is the 20% darker color. If you saturate the color by 10%, you get **59, 64.209, 86.730**, and if you desaturate by 10%, it is **61, 59.436, 89.281**.

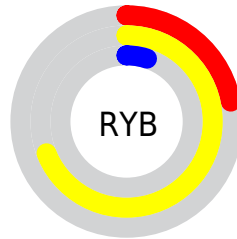
Distribution



Red (69%)

Green (55%)

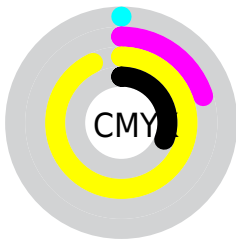
Blue (5%)



Red (22%)

Yellow (69%)

Blue (5%)

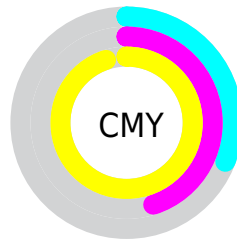


Cyan (0%)

Magenta (20%)

Yellow (93%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 62.760, 87.805 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 60, 62.760, 87.805 by changing the saturation by 10% instead.

60, 62.760, 87.805

60, 62.760, 87.805

100, 62.760,
87.805

50, 62.760, 87.805

80, 62.760, 87.805

40, 62.760, 87.805

90, 62.760, 87.805

30, 62.760, 87.805

20, 62.760, 87.805

10, 62.760, 87.805

0, 62.760, 87.805

60, 62.760, 87.805

60, 62.760, 87.805

59, 64.209, 86.730

61, 59.436, 89.281

62, 54.275, 90.637

63, 47.870, 91.935

65, 40.732, 93.203

66, 33.207, 94.453

67, 25.507, 95.683

68, 17.756, 96.887

70, 10.022, 98.058

71, 2.344, 99.151

Harmonies

Complementary

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



60, 62.760, 87.805



27, 80.921, 300.067

Rectangle

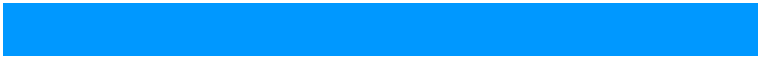
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60, 62.760, 87.805



60, 62.760, 137.805



60, 62.760, 267.805



60, 62.760, 317.805

Sweetspot

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



60, 62.759, 87.808



85, 26.586, 96.241



37, 66.092, 24.421



45, 18.516, 95.727



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 62.759, 87.808



75, 77.692, 86.409



66, 74.974, 118.433



36, 4.286, 98.489



51, 57.384, 86.958



6, 8.342, 94.468

Inverse Universe

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



27, 80.921, 300.067



33, 106.772, 302.327



25, 94.763, 308.121



34, 4.330, 280.684



21, 76.627, 301.525



2, 9.448, 281.898

Previews

White Background



This preview shows how the CIELCh color 60, 62.760, 87.805 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 60, 62.760, 87.805 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 60, 62.760, 87.805

Background



This preview shows how black text looks on a background with the CIELCh color 60, 62.760, 87.805.



This preview shows how white text looks on a background with the CIELCh color 60, 62.760, 87.805.

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

60, 62.928, 87.825

Protanopia

60, 62.067, 95.271

Deuteranopia

60, 62.556, 82.789



Tritanopia
60, 21.652, 6.907

Trichromacy



Original Color
60, 62.928, 87.825

Protanomaly
60, 62.188, 92.162

Deuteranomaly
60, 62.543, 84.581

Tritanomaly
59, 31.037, 65.980

Monochromacy



Original Color
60, 62.928, 87.825

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 26.938, 95.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 62.760, 87.805 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(176, 141, 12)` looks like.

```
.text, #text, p{  
    color:rgb(176, 141, 12)  
}
```

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(176, 141, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 141, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 62.760, 87.805 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(176, 141, 12) }
```

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

```
.border{ border-color:rgb(176, 141, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 141, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 141, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 141, 12);  
box-shadow:4px 4px 4px 4px rgb(176, 141,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 62.760, 87.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 141, 12) }
```

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

```
.background{ background-color: rgb(176,  
141, 12) }
```

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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