

Converting Colors

CIELCh(67, 62.083, 82.033)

Have a look what the booklet for
CIELCh(67, 62.083, 82.033) contains.

CIELCh(67, 62.096, 82.099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 62.096, 82.099)

Conversions

Conversions Part 1

Format	Color
Hex	CD9B2B
RGB	205, 155, 43
RGB Percent	80%, 61%, 17%
CMY	0.1958, 0.3919, 0.8310
CMYK	0.00, 0.24, 0.79, 0.20
HSL	41°, 65%, 49%
HSV	41°, 79%, 80%
XYZ	37.3697, 36.6320, 7.3942
YIQ	157.1820, 65.7520, -24.2320

Conversions

Conversions Part 2

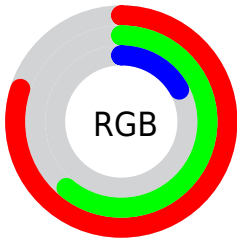
Format	Color
RYB	115, 205, 43
Decimal	13474603
CIELab	67.00, 8.54, 61.51
CIELCh	67, 62.096, 82.099
Yxy	36.6320, 0.4591, 0.4500
Android (android.graphics.Color)	4291664683 (0xFFCD9B2B)
YUV	157.1820, -56.2917, 41.9364
Hunter-Lab	60.5244, 4.2940, 35.1236

Details

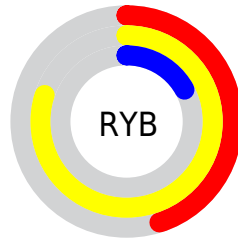
The CIELCh color **67, 62.096, 82.099** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **42, 67.167, 290.936**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 59.988, 86.001**, and **47, 54.853, 80.429** is the 20% darker color. If you saturate the color by 10%, you get **65, 67.086, 80.224**, and if you desaturate by 10%, it is **69, 55.418, 83.734**.

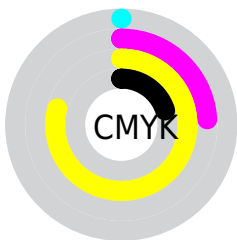
Distribution



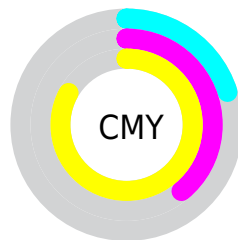
- Red (80%)
- Green (61%)
- Blue (17%)



- Red (45%)
- Yellow (80%)
- Blue (17%)



- Cyan (0%)
- Magenta (24%)
- Yellow (79%)
- Black (20%)



- Cyan (20%)
- Magenta (39%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 62.096, 82.099 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 67, 62.096, 82.099 by changing the saturation by 10% instead.

67, 62.096, 82.099

67, 62.096, 82.099

100, 62.096,
82.099

57, 62.096, 82.099

87, 62.096, 82.099

47, 62.096, 82.099

97, 62.096, 82.099

37, 62.096, 82.099

27, 62.096, 82.099

17, 62.096, 82.099

7, 62.096, 82.099

0, 62.096, 82.099

67, 62.096, 82.099

67, 62.096, 82.099

65, 67.086, 80.224

69, 55.418, 83.734

64, 69.923, 77.989

71, 47.786, 85.234

64, 70.183, 77.764

72, 39.701, 86.660

74, 31.461, 88.038

76, 23.228, 89.377

78, 15.086, 90.674

81, 7.073, 91.919

83, 0.796, 273.455

85, 8.518, 274.363

Harmonies

Complementary

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



67, 62.096, 82.099



42, 67.167, 290.936

Rectangle

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



67, 62.096, 82.099



67, 62.096, 132.099



67, 62.096, 262.099



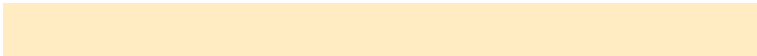
67, 62.096, 312.099

Sweetspot

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



67, 62.095, 82.102



94, 22.859, 89.990



46, 65.243, 9.805



49, 15.751, 89.519



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 62.095, 82.102



78, 81.571, 78.621



78, 76.480, 112.982



42, 4.445, 91.870



52, 59.947, 78.201



10, 15.714, 81.407

Inverse Universe

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



42, 67.167, 290.936



45, 98.236, 296.957



33, 96.399, 305.945



40, 4.455, 274.283



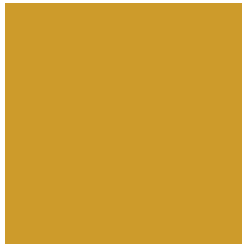
27, 72.992, 297.632



4, 18.607, 283.107

Previews

White Background



This preview shows how the CIELCh color 67, 62.096, 82.099 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 CIELCh color 67, 62.096, 82.099 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 67, 62.096, 82.099

Background



This preview shows how black text looks on a background with the CIELCh color 67, 62.096, 82.099.



This preview shows how white text looks on a background with the CIELCh color 67, 62.096, 82.099.

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

67, 62.096, 82.099

Protanopia

67, 60.442, 95.626

Deuteranopia

67, 62.096, 82.099



Tritanopia
67, 27.227, 9.545

Trichromacy



Original Color
67, 62.096, 82.099

Protanomaly
67, 60.741, 90.784

Deuteranomaly
67, 62.096, 82.099

Tritanomaly
67, 32.640, 55.507

Monochromacy



Original Color
67, 62.096, 82.099

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 23.400, 88.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 62.096, 82.099 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(205, 155, 43)` looks like.

```
.text, #text, p{  
    color:rgb(205, 155, 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(205, 155, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 155, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 62.096, 82.099 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(205, 155, 43) }
```

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

```
.border{ border-color:rgb(205, 155, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 155, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 155, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 155, 43);  
box-shadow:4px 4px 4px 4px rgb(205, 155,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 62.096, 82.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 155, 43) }
```

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

```
.background{ background-color: rgb(205,  
155, 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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