

Converting Colors

CIELCh(62, 67.217, 81.977)

Have a look what the booklet for
CIELCh(62, 67.217, 81.977) contains.

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Color

CIELCh(62, 67.106, 81.860)

Conversions

Conversions Part 1

Format	Color
Hex	C08D03
RGB	192, 141, 3
RGB Percent	75%, 55%, 1%
CMY	0.2456, 0.4458, 0.9894
CMYK	0.00, 0.27, 0.99, 0.25
HSL	44°, 97%, 38%
HSV	44°, 99%, 75%
XYZ	31.4166, 30.4025, 4.2895
YIQ	140.5170, 74.6940, -32.1060

Conversions

Conversions Part 2

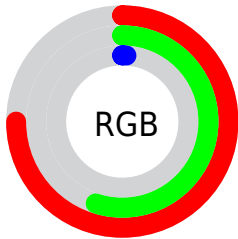
Format	Color
RYB	73, 192, 3
Decimal	12619011
CIELab	62.00, 9.50, 66.43
CIELCh	62, 67.106, 81.860
Yxy	30.4025, 0.4752, 0.4599
Android (android.graphics.Color)	4290809091 (0xFFC08D03)
YUV	140.5170, -67.7959, 45.1506
Hunter-Lab	55.1385, 5.2126, 33.9845

Details

The CIELCh color **62, 67.106, 81.860** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **31, 85.990, 299.492**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 66.840, 81.655**, and **42, 51.030, 78.092** is the 20% darker color. If you saturate the color by 10%, you get **62, 67.435, 81.589**, and if you desaturate by 10%, it is **63, 64.492, 83.813**.

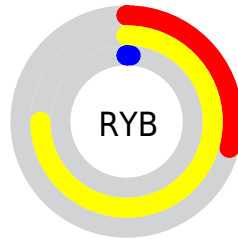
Distribution



Red (75%)

Green (55%)

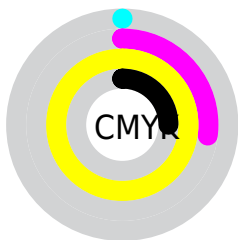
Blue (1%)



Red (29%)

Yellow (75%)

Blue (1%)

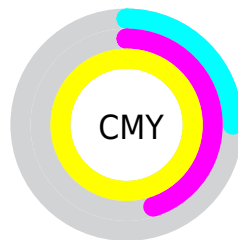


Cyan (0%)

Magenta (27%)

Yellow (99%)

Black (25%)



Cyan (25%)

Magenta (45%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 67.106, 81.860 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 62, 67.106, 81.860 by changing the saturation by 10% instead.

62, 67.106, 81.860

62, 67.106, 81.860

100, 67.106,
81.860

52, 67.106, 81.860

82, 67.106, 81.860

42, 67.106, 81.860

92, 67.106, 81.860

32, 67.106, 81.860

22, 67.106, 81.860

12, 67.106, 81.860

2, 67.106, 81.860

0, 67.106, 81.860

62, 67.106, 81.860

62, 67.106, 81.860

62, 67.435, 81.589

63, 64.492, 83.813

65, 59.833, 85.501

66, 53.541, 87.013

68, 46.279, 88.431

69, 38.520, 89.795

71, 30.551, 91.123

73, 22.537, 92.416

74, 14.566, 93.673

76, 6.683, 94.879

Harmonies

Complementary

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



62, 67.106, 81.860



31, 85.990, 299.492

Rectangle

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



62, 67.106, 81.860



62, 67.106, 131.860



62, 67.106, 261.860



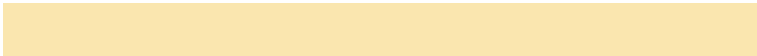
62, 67.106, 311.860

Sweetspot

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



62, 67.105, 81.863



92, 29.268, 92.176



41, 71.019, 22.055



48, 20.003, 91.628



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 67.105, 81.863



78, 82.008, 81.192



73, 80.451, 115.546



40, 4.436, 94.789



52, 59.064, 81.919



9, 13.365, 86.146

Inverse Universe

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



31, 85.990, 299.492



39, 107.862, 300.382



25, 105.681, 307.346



38, 4.463, 277.119



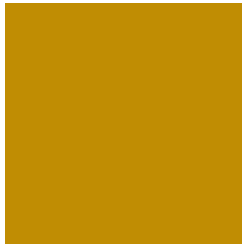
25, 75.329, 299.454



3, 15.880, 282.546

Previews

White Background



This preview shows how the CIELCh color 62, 67.106, 81.860 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 62, 67.106, 81.860 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 62, 67.106, 81.860

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.106, 81.860.



This preview shows how white text looks on a background with the CIELCh color 62, 67.106, 81.860.

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

62, 66.959, 81.831

Protanopia

62, 64.548, 95.555

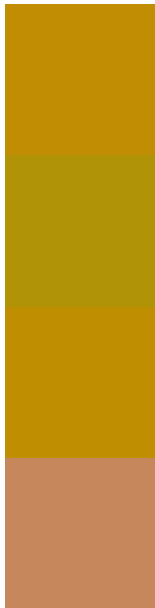
Deuteranopia

62, 67.130, 83.129



Tritanopia
62, 28.072, 11.225

Trichromacy



Original Color
62, 66.959, 81.831

Protanomaly
62, 64.793, 90.433

Deuteranomaly
62, 67.165, 82.736

Tritanomaly
62, 38.117, 60.242

Monochromacy



Original Color
62, 66.959, 81.831

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 29.254, 90.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.106, 81.860 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(192, 141, 3)` looks like.

```
.text, #text, p{  
    color:rgb(192, 141, 3)  
}
```

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(192, 141, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 141, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.106, 81.860 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(192, 141, 3) }
```

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

```
.border{ border-color:rgb(192, 141, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 141, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 141, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 141, 3);  
box-shadow:4px 4px 4px 4px rgb(192, 141,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.106, 81.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 141, 3) }
```

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

```
.background{ background-color: rgb(192,  
141, 3) }
```

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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