

Converting Colors

CIELCh(62, 67.509, 83.368)

Have a look what the booklet for
CIELCh(62, 67.509, 83.368) contains.

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Color

CIELCh(62, 67.130, 83.129)

Conversions

Conversions Part 1

Format	Color
Hex	BE8E01
RGB	190, 142, 1
RGB Percent	75%, 56%, 0%
CMY	0.2538, 0.4422, 0.9979
CMYK	0.00, 0.25, 1.00, 0.25
HSL	45°, 99%, 37%
HSV	45°, 100%, 75%
XYZ	31.0173, 30.4025, 4.2484
YIQ	140.2780, 73.8690, -33.6750

Conversions

Conversions Part 2

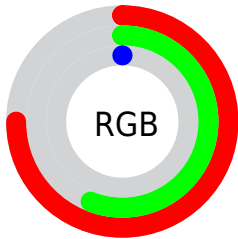
Format	Color
RYB	65, 190, 1
Decimal	12488193
CIELab	62.00, 8.03, 66.65
CIElCh	62, 67.130, 83.129
Yxy	30.4025, 0.4723, 0.4630
Android (android.graphics.Color)	4290678273 (0xFFBE8E01)
YUV	140.2780, -68.6641, 43.6062
Hunter-Lab	55.1385, 3.9202, 34.0286

Details

The CIELCh color **62, 67.130, 83.129** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **29, 88.076, 300.466**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 67.014, 82.887**, and **42, 50.627, 79.780** is the 20% darker color. If you saturate the color by 10%, you get **62, 67.193, 83.080**, and if you desaturate by 10%, it is **63, 64.730, 84.983**.

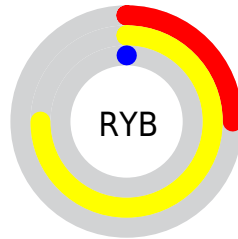
Distribution



Red (75%)

Green (56%)

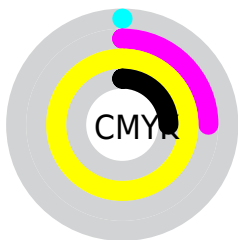
Blue (0%)



Red (25%)

Yellow (75%)

Blue (0%)

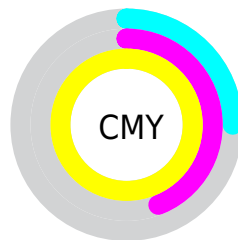


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (44%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 67.130, 83.129 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, 67.130, 83.129 by changing the saturation by 10% instead.

 62, 67.130, 83.129

 62, 67.130, 83.129

 100, 67.130,
83.129

 52, 67.130, 83.129

 82, 67.130, 83.129

 42, 67.130, 83.129

 92, 67.130, 83.129

 32, 67.130, 83.129

 22, 67.130, 83.129

 12, 67.130, 83.129

 2, 67.130, 83.129

 0, 67.130, 83.129

 62, 67.130, 83.129

 62, 67.130, 83.129

 62, 67.193, 83.080

 63, 64.730, 84.983

65, 60.403, 86.621

66, 54.350, 88.097

67, 47.235, 89.486

69, 39.549, 90.828

70, 31.602, 92.137

72, 23.574, 93.416

74, 15.563, 94.660

75, 7.621, 95.859

Harmonies

Complementary

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



62, 67.130, 83.129



29, 88.076, 300.466

Rectangle

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



62, 67.130, 83.129



62, 67.130, 133.129



62, 67.130, 263.129



62, 67.130, 313.129

Sweetspot

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



62, 67.129, 83.132



91, 29.455, 93.319



40, 71.523, 24.043



48, 20.291, 92.776



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, 67.129, 83.132



79, 81.731, 82.706



72, 80.411, 116.506



39, 4.412, 95.902



52, 58.647, 83.400



8, 12.082, 88.333

Inverse Universe

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



29, 88.076, 300.466



38, 109.217, 301.022



25, 105.165, 307.541



37, 4.444, 278.196



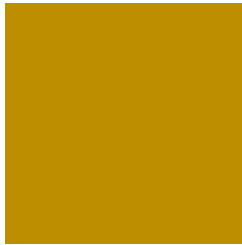
24, 75.969, 300.108



2, 14.357, 282.238

Previews

White Background



This preview shows how the CIELCh color 62, 67.130, 83.129 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, 67.130, 83.129 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, 67.130, 83.129

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.130, 83.129.



This preview shows how white text looks on a background with the CIELCh color 62, 67.130, 83.129.

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, 66.982, 83.104

Protanopia

62, 64.691, 95.555

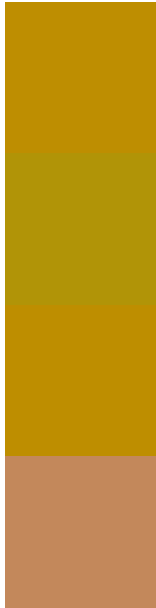
Deuteranopia

62, 67.130, 83.129



Tritanopia
62, 26.825, 10.521

Trichromacy



Original Color
62, 66.982, 83.104

Protanomaly
62, 65.139, 90.920

Deuteranomaly
62, 67.130, 83.129

Tritanomaly
62, 37.418, 62.055

Monochromacy



Original Color
62, 66.982, 83.104

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 30.043, 92.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.130, 83.129 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(190, 142, 1)` looks like.

```
.text, #text, p{  
    color:rgb(190, 142, 1)  
}
```

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(190, 142, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 142, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.130, 83.129 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(190, 142, 1) }
```

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

```
.border{ border-color:rgb(190, 142, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 142, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 142, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 142, 1);  
box-shadow:4px 4px 4px 4px rgb(190, 142,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.130, 83.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 142, 1) }
```

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

```
.background{ background-color: rgb(190,  
142, 1) }
```

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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