

Converting Colors

CIELCh(62, 67.812, 79.130)

Have a look what the booklet for
CIELCh(62, 67.812, 79.130) contains.

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Color

CIELCh(62, 67.822, 79.083)

Conversions

Conversions Part 1

Format	Color
Hex	C58B03
RGB	197, 139, 3
RGB Percent	77%, 55%, 1%
CMY	0.2268, 0.4544, 0.9871
CMYK	0.00, 0.29, 0.98, 0.23
HSL	42°, 97%, 39%
HSV	42°, 98%, 77%
XYZ	32.3368, 30.4025, 4.2585
YIQ	140.8380, 78.2240, -30.0000

Conversions

Conversions Part 2

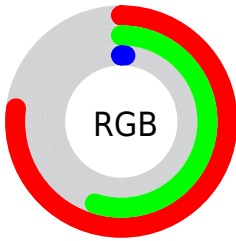
Format	Color
RYB	86, 197, 3
Decimal	12946179
CIELab	62.00, 12.84, 66.59
CIElCh	62, 67.822, 79.083
Yxy	30.4025, 0.4827, 0.4538
Android (android.graphics.Color)	4291136259 (0xFFC58B03)
YUV	140.8380, -67.9541, 49.2541
Hunter-Lab	55.1385, 8.1916, 34.0179

Details

The CIELCh color **62, 67.822, 79.083** 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 **33, 83.790, 298.034**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 66.928, 80.041**, and **42, 52.256, 74.374** is the 20% darker color. If you saturate the color by 10%, you get **62, 68.246, 78.725**, and if you desaturate by 10%, it is **64, 64.969, 81.229**.

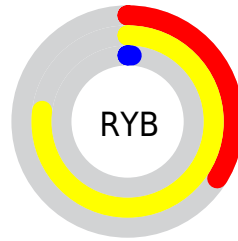
Distribution



Red (77%)

Green (55%)

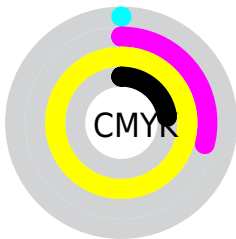
Blue (1%)



Red (34%)

Yellow (77%)

Blue (1%)

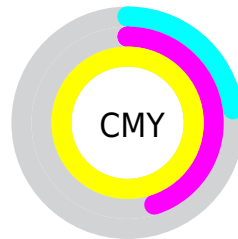


Cyan (0%)

Magenta (29%)

Yellow (98%)

Black (23%)



Cyan (23%)

Magenta (45%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 67.822, 79.083 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, 67.822, 79.083 by changing the saturation by 10% instead.

62, 67.822, 79.083

62, 67.822, 79.083

100, 67.822,
79.083

52, 67.822, 79.083

82, 67.822, 79.083

42, 67.822, 79.083

92, 67.822, 79.083

32, 67.822, 79.083

22, 67.822, 79.083

12, 67.822, 79.083

2, 67.822, 79.083

0, 67.822, 79.083

62, 67.822, 79.083

62, 67.822, 79.083

62, 68.246, 78.725

64, 64.969, 81.229

65, 60.020, 83.040

67, 53.484, 84.632

68, 46.048, 86.106

70, 38.183, 87.513

72, 30.166, 88.875

74, 22.151, 90.200

76, 14.215, 91.484

78, 6.398, 92.713

Harmonies

Complementary

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



62, 67.822, 79.083



33, 83.790, 298.034

Rectangle

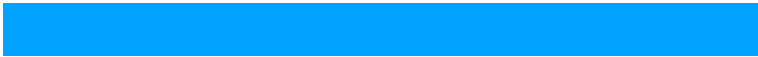
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 67.822, 79.083



62, 67.822, 129.083



62, 67.822, 259.083



62, 67.822, 309.083

Sweetspot

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



62, 67.821, 79.086



93, 27.969, 90.054



42, 71.699, 20.521



49, 19.249, 89.483



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 67.821, 79.086



78, 82.772, 78.293



74, 81.565, 114.642



41, 4.394, 92.587



52, 59.357, 79.109



10, 14.407, 82.581

Inverse Universe

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



33, 83.790, 298.034



42, 105.138, 299.057



26, 107.764, 307.177



39, 4.409, 274.977



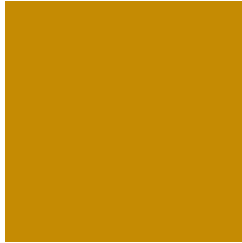
26, 73.090, 298.066



3, 17.148, 282.410

Previews

White Background



This preview shows how the CIELCh color 62, 67.822, 79.083 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 62, 67.822, 79.083 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, 67.822, 79.083

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.822, 79.083.



This preview shows how white text looks on a background with the CIELCh color 62, 67.822, 79.083.

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, 67.822, 79.083

Protanopia

62, 64.396, 95.554

Deuteranopia

62, 67.130, 83.129



Tritanopia
62, 30.581, 12.509

Trichromacy



Original Color
62, 67.822, 79.083

Protanomaly
62, 64.890, 89.618

Deuteranomaly
62, 67.447, 81.526

Tritanomaly
62, 40.029, 57.362

Monochromacy



Original Color
62, 67.822, 79.083

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 29.062, 88.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.822, 79.083 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(197, 139, 3)` looks like.

```
.text, #text, p{  
    color:rgb(197, 139, 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(197, 139, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 139, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.822, 79.083 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(197, 139, 3) }
```

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

```
.border{ border-color:rgb(197, 139, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 139, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 139, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 139, 3);  
box-shadow:4px 4px 4px 4px rgb(197, 139,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.822, 79.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 139, 3) }
```

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

```
.background{ background-color: rgb(197,  
139, 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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