

Converting Colors

CIELCh(68, 48.635, 78.841)

Have a look what the booklet for
CIELCh(68, 48.635, 78.841) contains.

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Color

CIELCh(68, 48.669, 79.145)

Conversions

Conversions Part 1

Format	Color
Hex	CE9E4E
RGB	206, 158, 78
RGB Percent	81%, 62%, 31%
CMY	0.1935, 0.3815, 0.6952
CMYK	0.00, 0.23, 0.62, 0.19
HSL	38°, 56%, 56%
HSV	38°, 62%, 81%
XYZ	38.9021, 37.9720, 12.4331
YIQ	163.2320, 54.2880, -14.7040

Conversions

Conversions Part 2

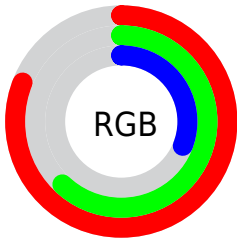
Format	Color
RYB	155, 206, 78
Decimal	13540942
CIELab	68.00, 9.17, 47.80
CIELCh	68, 48.669, 79.145
Yxy	37.9720, 0.4356, 0.4252
Android (android.graphics.Color)	4291731022 (0xFFCE9E4E)
YUV	163.2320, -42.0194, 37.5075
Hunter-Lab	61.6215, 4.8510, 31.1723

Details

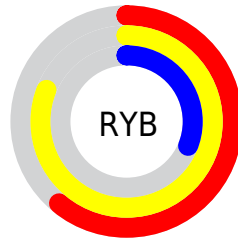
The CIELCh color **68, 48.669, 79.145** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **53, 47.074, 280.578**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 46.262, 83.669**, and **48, 48.621, 79.368** is the 20% darker color. If you saturate the color by 10%, you get **66, 56.271, 77.546**, and if you desaturate by 10%, it is **70, 40.663, 80.640**.

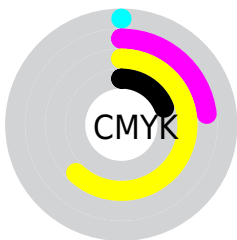
Distribution



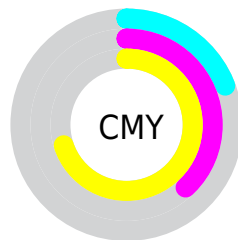
- Red (81%)
- Green (62%)
- Blue (31%)



- Red (61%)
- Yellow (81%)
- Blue (31%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (19%)



- Cyan (19%)
- Magenta (38%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 48.669, 79.145 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 68, 48.669, 79.145 by changing the saturation by 10% instead.

■ 68, 48.669, 79.145

■ 68, 48.669, 79.145

■ 100, 48.669,
79.145

■ 58, 48.669, 79.145

■ 88, 48.669, 79.145

■ 48, 48.669, 79.145

■ 98, 48.669, 79.145

■ 38, 48.669, 79.145

■ 28, 48.669, 79.145

■ 18, 48.669, 79.145

■ 8, 48.669, 79.145

■ 0, 48.669, 79.145

■ 68, 48.669, 79.145

■ 68, 48.669, 79.145

■ 66, 56.271, 77.546

■ 70, 40.663, 80.640

64, 62.906, 75.728

72, 32.573, 82.069

62, 67.756, 73.508

75, 24.566, 83.453

60, 70.230, 71.483

77, 16.720, 84.796

80, 9.067, 86.092

82, 1.614, 87.218

85, 5.647, 268.658

87, 12.727,
269.802

90, 15.966,
265.054

Harmonies

Complementary

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



68, 48.669, 79.145



53, 47.074, 280.578

Rectangle

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



68, 48.669, 79.145



68, 48.669, 129.145



68, 48.669, 259.145



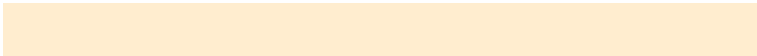
68, 48.669, 309.145

Sweetspot

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



68, 48.669, 79.149



94, 16.960, 85.188



52, 54.962, 359.270



50, 11.718, 84.807



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 48.669, 79.149



79, 69.257, 76.901



79, 63.870, 110.169



42, 4.167, 86.445



49, 59.796, 72.018



10, 14.942, 73.783

Inverse Universe

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



53, 47.074, 280.578



58, 68.313, 285.286



41, 76.386, 302.403



40, 4.147, 268.945



30, 65.586, 293.783



4, 17.472, 279.956

Previews

White Background



This preview shows how the CIELCh color 68, 48.669, 79.145 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 68, 48.669, 79.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

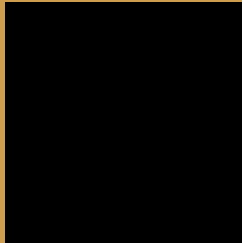
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 48.669, 79.145

Background



This preview shows how black text looks on a background with the CIELCh color 68, 48.669, 79.145.



This preview shows how white text looks on a background with the CIELCh color 68, 48.669, 79.145.

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


68, 48.669, 79.145

Protanopia

68, 46.405, 95.462

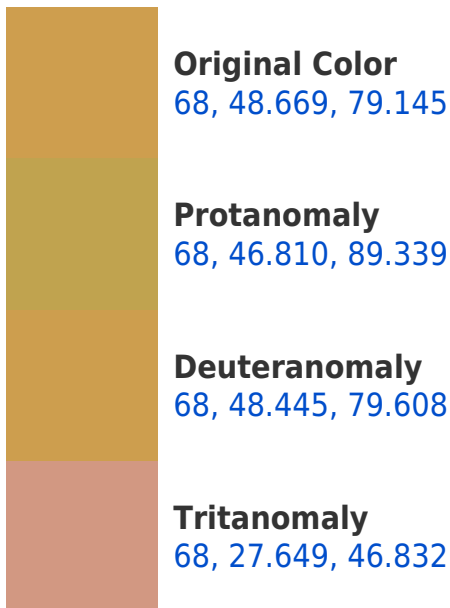
Deuteranopia

68, 48.445, 79.608



Tritanopia
68, 25.529, 8.473

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 48.669, 79.145 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(206, 158, 78)` looks like.

```
.text, #text, p{  
    color:rgb(206, 158, 78)  
}
```

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(206, 158, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 158, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 48.669, 79.145 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(206, 158, 78) }
```

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

```
.border{ border-color:rgb(206, 158, 78) }
```

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

Here you see how a box with a 4 pixel rgb(206, 158, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 158, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 158, 78);  
box-shadow:4px 4px 4px 4px rgb(206, 158,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 48.669, 79.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 158, 78) }
```

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

```
.background{ background-color: rgb(206,  
158, 78) }
```

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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