

Converting Colors

CIELCh(68, 64.483, 71.496)

Have a look what the booklet for
CIELCh(68, 64.483, 71.496) contains.

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Color

CIELCh(68, 64.338, 71.806)

Conversions

Conversions Part 1

Format	Color
Hex	E19631
RGB	225, 150, 49
RGB Percent	88%, 59%, 19%
CMY	0.1183, 0.4123, 0.8084
CMYK	0.00, 0.33, 0.78, 0.12
HSL	34°, 74%, 54%
HSV	34°, 78%, 88%
XYZ	42.4381, 37.9720, 7.9826
YIQ	160.9110, 77.1210, -15.5110

Conversions

Conversions Part 2

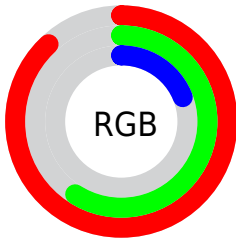
Format	Color
R _Y B	180, 225, 49
Decimal	14784049
CIE Lab	68.00, 20.09, 61.12
CIE LCh	68, 64.338, 71.806
Yxy	37.9720, 0.4801, 0.4296
Android (android.graphics.Color)	4292974129 (0xFFE19631)
YUV	160.9110, -55.1721, 56.2061
Hunter-Lab	61.6215, 15.0936, 35.4545

Details

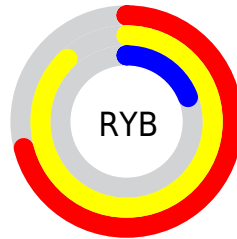
The CIELCh color **68, 64.338, 71.806** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **52, 59.267, 282.163**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 56.676, 82.815**, and **48, 59.453, 70.057** is the 20% darker color. If you saturate the color by 10%, you get **66, 70.852, 69.709**, and if you desaturate by 10%, it is **70, 56.398, 73.534**.

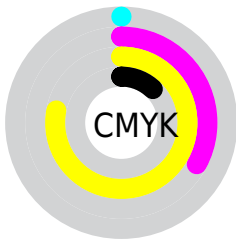
Distribution



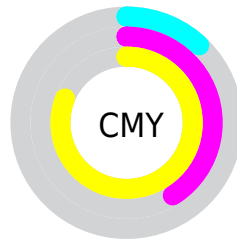
- Red (88%)
- Green (59%)
- Blue (19%)



- Red (71%)
- Yellow (88%)
- Blue (19%)



- Cyan (0%)
- Magenta (33%)
- Yellow (78%)
- Black (12%)



- Cyan (12%)
- Magenta (41%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 64.338, 71.806 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, 64.338, 71.806 by changing the saturation by 10% instead.

 68, 64.338, 71.806

 68, 64.338, 71.806

 100, 64.338,
71.806

 58, 64.338, 71.806

 88, 64.338, 71.806

 48, 64.338, 71.806

 98, 64.338, 71.806

 38, 64.338, 71.806

 28, 64.338, 71.806

 18, 64.338, 71.806

 8, 64.338, 71.806

 0, 64.338, 71.806

 68, 64.338, 71.806

 68, 64.338, 71.806

 66, 70.852, 69.709

 70, 56.398, 73.534

63, 75.105, 66.996

73, 47.843, 75.074

63, 75.766, 66.521

76, 39.151, 76.523

78, 30.565, 77.922

81, 22.199, 79.286

84, 14.098, 80.613

87, 6.268, 81.884

90, 1.301, 263.459

93, 8.628, 264.455

Harmonies

Complementary

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



68, 64.338, 71.806



52, 59.267, 282.163

Rectangle

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



68, 64.338, 71.806



68, 64.338, 121.806



68, 64.338, 251.806



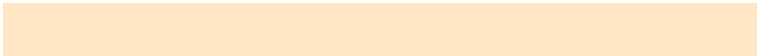
68, 64.338, 301.806

Sweetspot

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



68, 64.337, 71.809



93, 19.826, 79.969



51, 70.415, 0.072



48, 13.809, 79.483



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 64.337, 71.809



72, 81.168, 68.037



86, 80.664, 106.999



46, 4.307, 81.740



50, 62.980, 67.147



12, 19.890, 68.585

Inverse Universe

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



52, 59.267, 282.163



52, 79.629, 288.910



35, 104.017, 304.313



45, 4.258, 264.297



34, 62.858, 290.354



7, 21.327, 281.160

Previews

White Background



This preview shows how the CIELCh color 68, 64.338, 71.806 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, 64.338, 71.806 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, 64.338, 71.806

Background



This preview shows how black text looks on a background with the CIELCh color 68, 64.338, 71.806.



This preview shows how white text looks on a background with the CIELCh color 68, 64.338, 71.806.

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, 64.338, 71.806

Protanopia

68, 58.341, 95.205

Deuteranopia

68, 62.319, 81.901



Tritanopia
68, 36.978, 14.150

Trichromacy



Original Color
68, 64.338, 71.806

Protanomaly
68, 59.248, 86.160

Deuteranomaly
68, 62.863, 78.027

Tritanomaly
68, 41.322, 45.338

Monochromacy



Original Color
68, 64.338, 71.806

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 23.512, 78.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 64.338, 71.806 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(225, 150, 49)` looks like.

```
.text, #text, p{  
    color:rgb(225, 150, 49)  
}
```

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(225, 150, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 150, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 64.338, 71.806 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(225, 150, 49) }
```

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

```
.border{ border-color:rgb(225, 150, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 150, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 150, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 150, 49);  
box-shadow:4px 4px 4px 4px rgb(225, 150,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 64.338, 71.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 150, 49) }
```

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

```
.background{ background-color: rgb(225,  
150, 49) }
```

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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