

Converting Colors

CIELCh(67, 72.703, 79.366)

Have a look what the booklet for
CIELCh(67, 72.703, 79.366) contains.

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Color

CIELCh(67, 72.669, 79.481)

Conversions

Conversions Part 1

Format	Color
Hex	D69800
RGB	214, 152, 0
RGB Percent	84%, 60%, 0%
CMY	0.1619, 0.4048, 1.0000
CMYK	0.00, 0.29, 1.00, 0.16
HSL	43°, 100%, 42%
HSV	43°, 100%, 84%
XYZ	38.8364, 36.6320, 5.0075
YIQ	153.2100, 85.7440, -34.1280

Conversions

Conversions Part 2

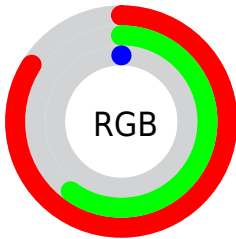
Format	Color
RYB	87, 214, 0
Decimal	14063616
CIELab	67.00, 13.27, 71.45
CIElCh	67, 72.669, 79.481
Yxy	36.6320, 0.4826, 0.4552
Android (android.graphics.Color)	4292253696 (0xFFD69800)
YUV	153.2100, -75.5325, 53.3128
Hunter-Lab	60.5244, 8.6196, 37.4617

Details

The CIELCh color **67, 72.669, 79.481** 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 **35, 92.330, 299.168**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 68.712, 86.299**, and **47, 56.622, 75.073** is the 20% darker color. If you saturate the color by 10%, you get **67, 72.595, 79.468**, and if you desaturate by 10%, it is **69, 70.035, 81.629**.

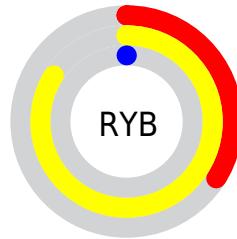
Distribution



Red (84%)

Green (60%)

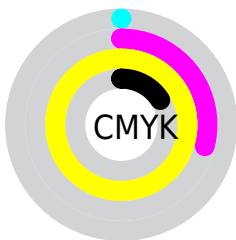
Blue (0%)



Red (34%)

Yellow (84%)

Blue (0%)

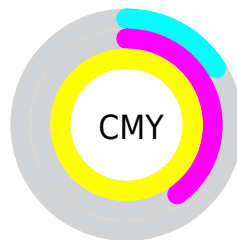


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 72.669, 79.481 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 67, 72.669, 79.481 by changing the saturation by 10% instead.

67, 72.669, 79.481

67, 72.669, 79.481

100, 72.669,
79.481

57, 72.669, 79.481

87, 72.669, 79.481

47, 72.669, 79.481

97, 72.669, 79.481

37, 72.669, 79.481

27, 72.669, 79.481

17, 72.669, 79.481

7, 72.669, 79.481

0, 72.669, 79.481

67, 72.669, 79.481

67, 72.669, 79.481

67, 72.595, 79.468

69, 70.035, 81.629

70, 65.276, 83.474

72, 58.621, 85.084

74, 50.839, 86.567

75, 42.490, 87.979

77, 33.912, 89.346

79, 25.295, 90.676

81, 16.741, 91.966

83, 8.299, 93.208

Harmonies

Complementary

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



67, 72.669, 79.481



35, 92.330, 299.168

Rectangle

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



67, 72.669, 79.481



67, 72.669, 129.481



67, 72.669, 259.481



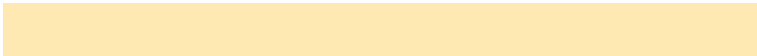
67, 72.669, 309.481

Sweetspot

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



67, 72.595, 79.468



93, 29.198, 90.636



45, 76.999, 21.719



49, 19.972, 90.074



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 72.595, 79.468



79, 82.900, 79.193



80, 87.085, 114.811



44, 4.716, 93.277



54, 61.493, 79.885



13, 18.777, 83.108

Inverse Universe

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



35, 92.330, 299.168



41, 106.562, 299.498



28, 115.467, 307.194



42, 4.736, 275.673



27, 76.931, 298.651



4, 22.102, 286.090

Previews

White Background



This preview shows how the CIELCh color 67, 72.669, 79.481 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 67, 72.669, 79.481 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 67, 72.669, 79.481

Background



This preview shows how black text looks on a background with the CIELCh color 67, 72.669, 79.481.

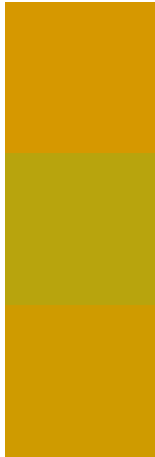


This preview shows how white text looks on a background with the CIELCh color 67, 72.669, 79.481.

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

67, 72.669, 79.481

Protanopia

67, 68.620, 95.333

Deuteranopia

67, 71.569, 83.129



Tritanopia
67, 32.535, 12.318

Trichromacy



Original Color
67, 72.669, 79.481

Protanomaly
67, 69.458, 89.494

Deuteranomaly
67, 71.835, 82.009

Tritanomaly
67, 43.005, 58.233

Monochromacy



Original Color
67, 72.669, 79.481

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 32.363, 89.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 72.669, 79.481 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(214, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 0)  
}
```

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(214, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 72.669, 79.481 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(214, 152, 0) }
```

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

```
.border{ border-color:rgb(214, 152, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 152, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 72.669, 79.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 0) }
```

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

```
.background{ background-color: rgb(214,  
152, 0) }
```

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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