

Converting Colors

CIELCh(63, 71.244, 72.723)

Have a look what the booklet for
CIELCh(63, 71.244, 72.723) contains.

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Color

CIELCh(63, 71.217, 72.789)

Conversions

Conversions Part 1

Format	Color
Hex	D48804
RGB	212, 136, 4
RGB Percent	83%, 53%, 2%
CMY	0.1689, 0.4669, 0.9848
CMYK	0.00, 0.36, 0.98, 0.17
HSL	38°, 96%, 42%
HSV	38°, 98%, 83%
XYZ	35.9482, 31.5869, 4.3134
YIQ	143.6760, 87.6680, -24.9400

Conversions

Conversions Part 2

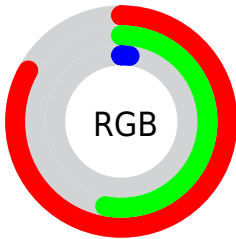
Format	Color
RYB	124, 212, 4
Decimal	13928452
CIELab	63.00, 21.07, 68.03
CIElCh	63, 71.217, 72.789
Yxy	31.5869, 0.5003, 0.4396
Android (android.graphics.Color)	4292118532 (0xFFD48804)
YUV	143.6760, -68.8603, 59.9201
Hunter-Lab	56.2022, 15.8185, 34.7912

Details

The CIELCh color **63, 71.217, 72.789** 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 **39, 79.913, 294.437**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 66.502, 78.609**, and **43, 56.262, 67.214** is the 20% darker color. If you saturate the color by 10%, you get **63, 71.782, 72.326**, and if you desaturate by 10%, it is **65, 67.721, 75.302**.

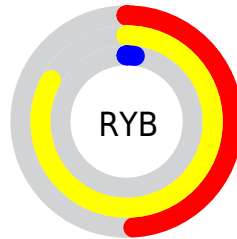
Distribution



Red (83%)

Green (53%)

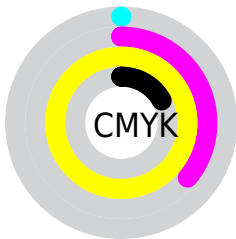
Blue (2%)



Red (49%)

Yellow (83%)

Blue (2%)

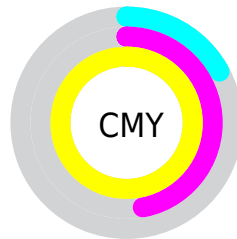


Cyan (0%)

Magenta (36%)

Yellow (98%)

Black (17%)



Cyan (17%)

Magenta (47%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 71.217, 72.789 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 63, 71.217, 72.789 by changing the saturation by 10% instead.

63, 71.217, 72.789

63, 71.217, 72.789

100, 71.217,
72.789

53, 71.217, 72.789

83, 71.217, 72.789

43, 71.217, 72.789

93, 71.217, 72.789

33, 71.217, 72.789

23, 71.217, 72.789

13, 71.217, 72.789

3, 71.217, 72.789

0, 71.217, 72.789

63, 71.217, 72.789

63, 71.217, 72.789

63, 71.782, 72.326

65, 67.721, 75.302

67, 62.017, 77.324

69, 54.798, 79.036

71, 46.816, 80.587

73, 38.548, 82.052

76, 30.254, 83.463

78, 22.070, 84.832

80, 14.056, 86.158

83, 6.235, 87.426

Harmonies

Complementary

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



63, 71.217, 72.789



39, 79.913, 294.437

Rectangle

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



63, 71.217, 72.789



63, 71.217, 122.789



63, 71.217, 252.789



63, 71.217, 302.789

Sweetspot

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



63, 71.215, 72.792



92, 26.439, 84.678



45, 73.916, 14.501



48, 18.235, 84.091



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 71.215, 72.792



74, 82.555, 71.960



80, 84.953, 110.914



44, 4.377, 87.271



51, 61.121, 72.835



11, 17.781, 75.128

Inverse Universe

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



39, 79.913, 294.437



46, 94.810, 295.487



27, 114.609, 306.659



42, 4.361, 269.776



30, 68.350, 294.492



5, 20.468, 282.666

Previews

White Background



This preview shows how the CIELCh color 63, 71.217, 72.789 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 63, 71.217, 72.789 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 63, 71.217, 72.789

Background



This preview shows how black text looks on a background with the CIELCh color 63, 71.217, 72.789.



This preview shows how white text looks on a background with the CIELCh color 63, 71.217, 72.789.

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

63, 71.217, 72.789

Protanopia

63, 64.632, 95.233

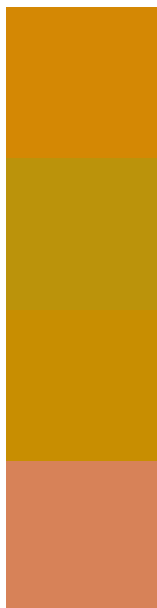
Deuteranopia

63, 67.996, 83.464



Tritanopia
63, 37.638, 15.421

Trichromacy



Original Color
63, 71.217, 72.789

Protanomaly
63, 65.715, 86.440

Deuteranomaly
63, 68.946, 79.540

Tritanomaly
63, 46.417, 51.693

Monochromacy



Original Color
63, 71.217, 72.789

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 29.768, 82.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 71.217, 72.789 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(212, 136, 4)` looks like.

```
.text, #text, p{  
    color:rgb(212, 136, 4)  
}
```

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(212, 136, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 136, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 71.217, 72.789 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(212, 136, 4) }
```

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

```
.border{ border-color:rgb(212, 136, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 136, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 136, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 136, 4);  
box-shadow:4px 4px 4px 4px rgb(212, 136,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 71.217, 72.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 136, 4) }
```

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

```
.background{ background-color: rgb(212,  
136, 4) }
```

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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