

Converting Colors

CIELCh(72, 74.466, 90.032)

Have a look what the booklet for
CIELCh(72, 74.466, 90.032) contains.

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Color

CIELCh(72, 74.480, 89.776)

Conversions

Conversions Part 1

Format	Color
Hex	D2AD01
RGB	210, 173, 1
RGB Percent	82%, 68%, 0%
CMY	0.1759, 0.3211, 0.9947
CMYK	0.00, 0.18, 0.99, 0.18
HSL	49°, 99%, 41%
HSV	49°, 99%, 82%
XYZ	41.5922, 43.6590, 6.2730
YIQ	164.4550, 77.2640, -45.6480

Conversions

Conversions Part 2

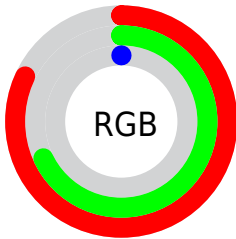
Format	Color
RYB	46, 210, 1
Decimal	13806849
CIELab	72.00, 0.29, 74.48
CIELCh	72, 74.480, 89.776
Yxy	43.6590, 0.4544, 0.4770
Android (android.graphics.Color)	4291996929 (0xFFD2AD01)
YUV	164.4550, -80.5833, 39.9430
Hunter-Lab	66.0750, -3.2708, 40.6236

Details

The CIELCh color **72, 74.480, 89.776** 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 **30, 103.708, 303.215**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 72.861, 95.133**, and **52, 57.778, 88.717** is the 20% darker color. If you saturate the color by 10%, you get **72, 74.592, 89.693**, and if you desaturate by 10%, it is **73, 72.374, 91.115**.

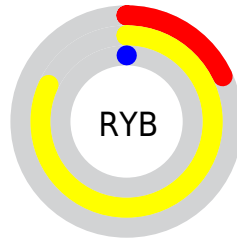
Distribution



Red (82%)

Green (68%)

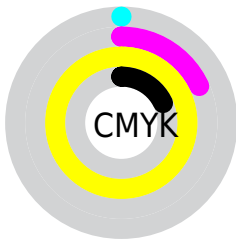
Blue (0%)



Red (18%)

Yellow (82%)

Blue (0%)

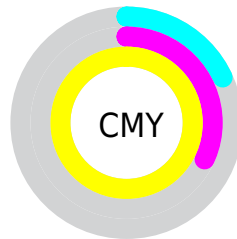


Cyan (0%)

Magenta (18%)

Yellow (99%)

Black (18%)



Cyan (18%)

Magenta (32%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 74.480, 89.776 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 72, 74.480, 89.776 by changing the saturation by 10% instead.

■ 72, 74.480, 89.776

■ 72, 74.480, 89.776

■ 100, 74.480,
89.776

■ 62, 74.480, 89.776

■ 92, 74.480, 89.776

■ 52, 74.480, 89.776

■ 42, 74.480, 89.776

■ 32, 74.480, 89.776

■ 22, 74.480, 89.776

■ 12, 74.480, 89.776

■ 2, 74.480, 89.776

■ 0, 74.480, 89.776

■ 72, 74.480, 89.776

■ 72, 74.480, 89.776

72, 74.592, 89.693

73, 72.374, 91.115

74, 68.004, 92.371

75, 61.608, 93.586

76, 53.858, 94.791

77, 45.304, 95.994

79, 36.318, 97.193

80, 27.127, 98.381

81, 17.866, 99.547

83, 8.610, 100.680

Harmonies

Complementary

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



72, 74.480, 89.776



30, 103.708, 303.215

Rectangle

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



72, 74.480, 89.776



72, 74.480, 139.776



72, 74.480, 269.776



72, 74.480, 319.776

Sweetspot

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



72, 74.479, 89.778



95, 32.431, 98.266



44, 81.210, 30.871



50, 22.119, 97.761



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 74.479, 89.778



86, 86.228, 89.524



77, 88.686, 120.739



43, 5.198, 100.675



59, 63.316, 89.924



13, 19.432, 93.472

Inverse Universe

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



30, 103.708, 303.215



36, 121.685, 303.598



29, 111.687, 308.477



41, 5.266, 282.855



23, 87.283, 302.976



3, 22.442, 288.650

Previews

White Background



This preview shows how the CIELCh color 72, 74.480, 89.776 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 72, 74.480, 89.776 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 72, 74.480, 89.776

Background



This preview shows how black text looks on a background with the CIELCh color 72, 74.480, 89.776.



This preview shows how white text looks on a background with the CIELCh color 72, 74.480, 89.776.

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

72, 74.480, 89.776

Protanopia

72, 73.497, 95.148

Deuteranopia

72, 73.680, 83.121



Tritanopia
72, 23.348, 5.587

Trichromacy



Original Color
72, 74.480, 89.776

Protanomaly
72, 73.800, 93.361

Deuteranomaly
72, 73.936, 85.732

Tritanomaly
71, 37.232, 70.742

Monochromacy



Original Color
72, 74.480, 89.776

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 34.479, 97.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 74.480, 89.776 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(210, 173, 1)` looks like.

```
.text, #text, p{  
    color:rgb(210, 173, 1)  
}
```

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(210, 173, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 173, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 74.480, 89.776 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(210, 173, 1) }
```

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

```
.border{ border-color:rgb(210, 173, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 173, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 173, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 173, 1);  
box-shadow:4px 4px 4px 4px rgb(210, 173,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 74.480, 89.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 173, 1) }
```

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

```
.background{ background-color: rgb(210,  
173, 1) }
```

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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