

Converting Colors

CIELCh(71, 74.177, 86.287)

Have a look what the booklet for
CIELCh(71, 74.177, 86.287) contains.

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Color

CIELCh(71, 74.204, 86.364)

Conversions

Conversions Part 1

Format	Color
Hex	D6A800
RGB	214, 168, 0
RGB Percent	84%, 66%, 0%
CMY	0.1617, 0.3420, 0.9982
CMYK	0.00, 0.22, 1.00, 0.16
HSL	47°, 100%, 42%
HSV	47°, 100%, 84%
XYZ	41.6265, 42.1875, 5.9618
YIQ	162.6020, 81.3440, -42.4960

Conversions

Conversions Part 2

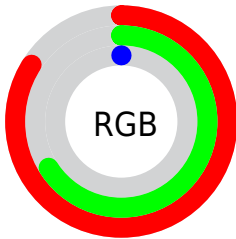
Format	Color
RYB	59, 214, 0
Decimal	14067712
CIELab	71.00, 4.71, 74.05
CIELCh	71, 74.204, 86.364
Yxy	42.1875, 0.4637, 0.4699
Android (android.graphics.Color)	4292257792 (0xFFD6A800)
YUV	162.6020, -80.1628, 45.0760
Hunter-Lab	64.9519, 0.7317, 40.0243

Details

The CIELCh color **71, 74.204, 86.364** 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 **31, 101.364, 302.126**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 71.792, 93.244**, and **51, 57.654, 84.022** is the 20% darker color. If you saturate the color by 10%, you get **71, 74.243, 86.331**, and if you desaturate by 10%, it is **72, 72.044, 87.996**.

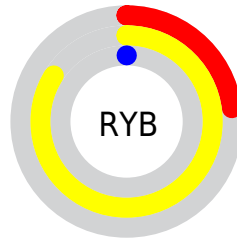
Distribution



Red (84%)

Green (66%)

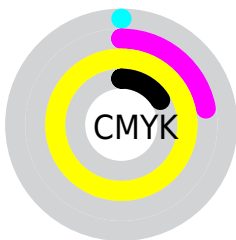
Blue (0%)



Red (23%)

Yellow (84%)

Blue (0%)

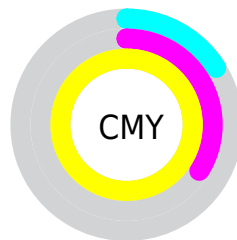


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (34%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 74.204, 86.364 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 71, 74.204, 86.364 by changing the saturation by 10% instead.

 71, 74.204, 86.364

 71, 74.204, 86.364

 100, 74.204,
86.364

 61, 74.204, 86.364

 91, 74.204, 86.364

 51, 74.204, 86.364

 41, 74.204, 86.364

 31, 74.204, 86.364

 21, 74.204, 86.364

 11, 74.204, 86.364

 1, 74.204, 86.364

 0, 74.204, 86.364

 71, 74.204, 86.364

 71, 74.204, 86.364

71, 74.243, 86.331

72, 72.044, 87.996

73, 67.618, 89.466

75, 61.161, 90.829

76, 53.386, 92.139

78, 44.864, 93.423

79, 35.963, 94.686

81, 26.906, 95.928

82, 17.819, 97.142

84, 8.771, 98.316

Harmonies

Complementary

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



71, 74.204, 86.364



31, 101.364, 302.126

Rectangle

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



71, 74.204, 86.364



71, 74.204, 136.364



71, 74.204, 266.364



71, 74.204, 316.364

Sweetspot

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



71, 74.203, 86.366



94, 31.274, 95.865



45, 80.751, 28.654



50, 21.349, 95.338



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 74.203, 86.366



83, 84.742, 86.137



79, 89.041, 119.178



44, 5.094, 98.358



58, 62.912, 86.624



14, 20.086, 89.997

Inverse Universe

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



31, 101.364, 302.126



38, 117.045, 302.442



29, 114.005, 308.033



42, 5.147, 280.616



24, 84.771, 301.756



3, 23.519, 288.578

Previews

White Background



This preview shows how the CIELCh color 71, 74.204, 86.364 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 71, 74.204, 86.364 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 71, 74.204, 86.364

Background



This preview shows how black text looks on a background with the CIELCh color 71, 74.204, 86.364.



This preview shows how white text looks on a background with the CIELCh color 71, 74.204, 86.364.

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

71, 74.323, 86.378

Protanopia

71, 72.576, 95.420

Deuteranopia

71, 73.509, 82.928



Tritanopia
71, 26.552, 7.940

Trichromacy



Original Color
71, 74.323, 86.378

Protanomaly
71, 72.729, 92.094

Deuteranomaly
71, 73.752, 84.085

Tritanomaly
70, 39.417, 66.325

Monochromacy



Original Color
71, 74.323, 86.378

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 33.938, 94.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 74.204, 86.364 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, 168, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 168, 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, 168, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 168, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 74.204, 86.364 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, 168, 0) }
```

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

```
.border{ border-color:rgb(214, 168, 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, 168, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 168, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 168, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 168,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 74.204, 86.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 168, 0) }
```

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

```
.background{ background-color: rgb(214,  
168, 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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