

Converting Colors

CIELCh(74, 71.207, 79.064)

Have a look what the booklet for
CIELCh(74, 71.207, 79.064) contains.

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Color

CIELCh(74, 71.116, 79.120)

Conversions

Conversions Part 1

Format	Color
Hex	EBAA28
RGB	235, 170, 40
RGB Percent	92%, 67%, 16%
CMY	0.0774, 0.3324, 0.8420
CMYK	0.00, 0.28, 0.83, 0.08
HSL	40°, 83%, 54%
HSV	40°, 83%, 92%
XYZ	49.1601, 46.7039, 8.4576
YIQ	174.6150, 80.4700, -26.6500

Conversions

Conversions Part 2

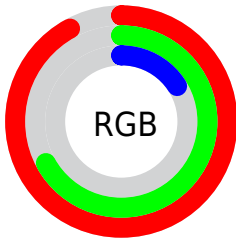
Format	Color
R _Y B	138, 235, 40
Decimal	15444520
CIE Lab	74.00, 13.42, 69.84
CIE LCh	74, 71.116, 79.120
Yxy	46.7039, 0.4712, 0.4477
Android (android.graphics.Color)	4293634600 (0xFFEBAA28)
YUV	174.6150, -66.3652, 52.9576
Hunter-Lab	68.3403, 8.8071, 40.5006

Details

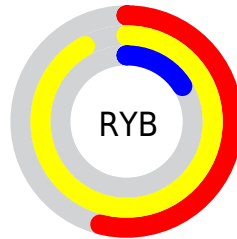
The CIELCh color **74, 71.116, 79.120** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **48, 76.196, 290.981**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 64.364, 93.516**, and **54, 62.032, 76.859** is the 20% darker color. If you saturate the color by 10%, you get **72, 75.753, 76.949**, and if you desaturate by 10%, it is **76, 64.229, 80.926**.

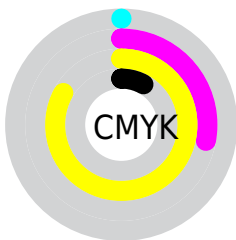
Distribution



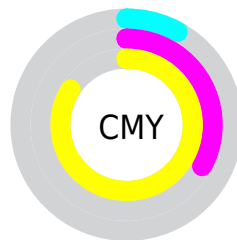
- Red (92%)
- Green (67%)
- Blue (16%)



- Red (54%)
- Yellow (92%)
- Blue (16%)



- Cyan (0%)
- Magenta (28%)
- Yellow (83%)
- Black (8%)



- Cyan (8%)
- Magenta (33%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 71.116, 79.120 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 74, 71.116, 79.120 by changing the saturation by 10% instead.

■ 74, 71.116, 79.120

■ 74, 71.116, 79.120

■ 100, 71.116,
79.120

■ 64, 71.116, 79.120

■ 94, 71.116, 79.120

■ 54, 71.116, 79.120

■ 44, 71.116, 79.120

■ 34, 71.116, 79.120

■ 24, 71.116, 79.120

■ 14, 71.116, 79.120

■ 4, 71.116, 79.120

■ 0, 71.116, 79.120

■ 74, 71.116, 79.120

■ 74, 71.116, 79.120

72, 75.753, 76.949

76, 64.229, 80.926

71, 77.638, 75.141

78, 56.006, 82.526

80, 47.136, 84.019

83, 38.034, 85.449

85, 28.926, 86.833

87, 19.928, 88.176

90, 11.093, 89.471

92, 2.440, 90.645

95, 6.028, 272.015

Harmonies

Complementary

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



74, 71.116, 79.120



48, 76.196, 290.981

Rectangle

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



74, 71.116, 79.120



74, 71.116, 129.120



74, 71.116, 259.120



74, 71.116, 309.120

Sweetspot

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



74, 71.115, 79.123



93, 23.306, 87.879



52, 74.712, 8.848



49, 15.957, 87.407



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 71.115, 79.123



76, 82.256, 75.259



88, 87.027, 111.326



48, 4.865, 89.897



56, 63.823, 75.671



16, 23.342, 78.479

Inverse Universe

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



48, 76.196, 290.981



44, 98.768, 296.980



36, 112.447, 305.936



46, 4.864, 272.386



31, 75.500, 296.536



6, 26.848, 288.969

Previews

White Background



This preview shows how the CIELCh color 74, 71.116, 79.120 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 74, 71.116, 79.120 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 74, 71.116, 79.120

Background



This preview shows how black text looks on a background with the CIELCh color 74, 71.116, 79.120.



This preview shows how white text looks on a background with the CIELCh color 74, 71.116, 79.120.

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

74, 71.116, 79.120

Protanopia

74, 68.312, 95.311

Deuteranopia

74, 70.739, 82.150



Tritanopia
74, 33.452, 11.674

Trichromacy



Original Color
74, 71.116, 79.120

Protanomaly
74, 68.494, 89.127

Deuteranomaly
74, 71.000, 81.046

Tritanomaly
74, 40.316, 53.228

Monochromacy



Original Color
74, 71.116, 79.120

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 27.425, 86.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 71.116, 79.120 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(235, 170, 40)` looks like.

```
.text, #text, p{  
    color:rgb(235, 170, 40)  
}
```

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(235, 170, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 170, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 71.116, 79.120 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(235, 170, 40) }
```

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

```
.border{ border-color:rgb(235, 170, 40) }
```

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

Here you see how a box with a 4 pixel rgb(235, 170, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 170, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 170, 40);  
box-shadow:4px 4px 4px 4px rgb(235, 170,  
40) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 71.116, 79.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 170, 40) }
```

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

```
.background{ background-color: rgb(235,  
170, 40) }
```

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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