

Converting Colors

CIELCh(74, 79.955, 71.788)

Have a look what the booklet for
CIELCh(74, 79.955, 71.788) contains.

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Color

CIELCh(74, 79.933, 71.906)

Conversions

Conversions Part 1

Format	Color
Hex	FDA212
RGB	253, 162, 18
RGB Percent	99%, 64%, 7%
CMY	0.0083, 0.3651, 0.9302
CMYK	0.00, 0.36, 0.93, 0.01
HSL	37°, 98%, 53%
HSV	37°, 93%, 99%
XYZ	53.4699, 46.7039, 6.7596
YIQ	172.7930, 100.4600, -25.4920

Conversions

Conversions Part 2

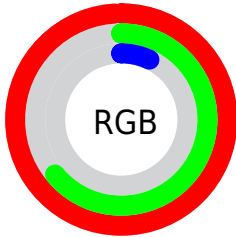
Format	Color
RYB	167, 253, 18
Decimal	16622098
CIELab	74.00, 24.83, 75.98
CIElCh	74, 79.933, 71.906
Yxy	46.7039, 0.5000, 0.4368
Android (android.graphics.Color)	4294812178 (0xFFFDA212)
YUV	172.7930, -76.3129, 70.3415
Hunter-Lab	68.3403, 20.0642, 41.9738

Details

The CIELCh color **74, 79.933, 71.906** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **50, 83.803, 291.377**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 67.440, 90.570**, and **54, 66.641, 67.388** is the 20% darker color. If you saturate the color by 10%, you get **72, 82.216, 69.904**, and if you desaturate by 10%, it is **76, 74.541, 74.285**.

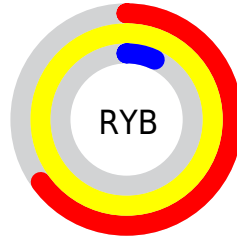
Distribution



Red (99%)

Green (64%)

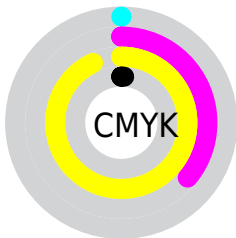
Blue (7%)



Red (65%)

Yellow (99%)

Blue (7%)

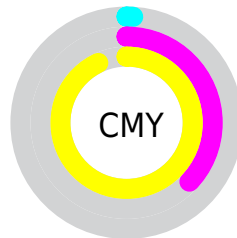


Cyan (0%)

Magenta (36%)

Yellow (93%)

Black (1%)



Cyan (1%)

Magenta (37%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 79.933, 71.906 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, 79.933, 71.906 by changing the saturation by 10% instead.

74, 79.933, 71.906

74, 79.933, 71.906

100, 79.933,
71.906

64, 79.933, 71.906

94, 79.933, 71.906

54, 79.933, 71.906

44, 79.933, 71.906

34, 79.933, 71.906

24, 79.933, 71.906

14, 79.933, 71.906

4, 79.933, 71.906

0, 79.933, 71.906

74, 79.933, 71.906

74, 79.933, 71.906

72, 82.216, 69.904

76, 74.541, 74.285

79, 66.870, 76.189

81, 57.945, 77.839

84, 48.499, 79.361

87, 38.947, 80.813

90, 29.503, 82.218

92, 20.265, 83.584

95, 11.273, 84.902

98, 2.533, 86.088

Harmonies

Complementary

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



74, 79.933, 71.906



50, 83.803, 291.377

Rectangle

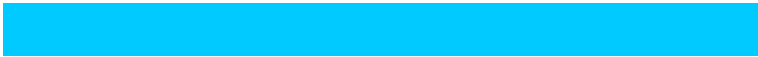
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 79.933, 71.906



74, 79.933, 121.906



74, 79.933, 251.906



74, 79.933, 301.906

Sweetspot

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



74, 79.931, 71.909



92, 25.058, 82.900



55, 82.755, 9.179



48, 17.404, 82.306



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, 79.931, 71.909



73, 82.743, 69.888



95, 95.576, 108.820



52, 4.951, 85.341



56, 66.588, 70.515



18, 27.492, 73.153

Inverse Universe

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



50, 83.803, 291.377



47, 91.331, 294.109



34, 128.858, 306.278



50, 4.919, 267.913



35, 72.214, 293.409



9, 28.990, 287.803

Previews

White Background



This preview shows how the CIELCh color 74, 79.933, 71.906 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, 79.933, 71.906 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, 79.933, 71.906

Background



This preview shows how black text looks on a background with the CIELCh color 74, 79.933, 71.906.



This preview shows how white text looks on a background with the CIELCh color 74, 79.933, 71.906.

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, 79.933, 71.906

Protanopia

74, 72.924, 95.020

Deuteranopia

74, 77.685, 82.987



Tritanopia
74, 40.809, 16.036

Trichromacy



Original Color
74, 79.933, 71.906

Protanomaly
74, 73.788, 85.965

Deuteranomaly
74, 78.246, 78.869

Tritanomaly
74, 50.862, 50.711

Monochromacy



Original Color
74, 79.933, 71.906

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 31.708, 80.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 79.933, 71.906 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(253, 162, 18)` looks like.

```
.text, #text, p{  
    color:rgb(253, 162, 18)  
}
```

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(253, 162, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 162, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 79.933, 71.906 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(253, 162, 18) }
```

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

```
.border{ border-color:rgb(253, 162, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 162, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 162, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 162, 18);  
box-shadow:4px 4px 4px 4px rgb(253, 162,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 79.933, 71.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 162, 18) }
```

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

```
.background{ background-color: rgb(253,  
162, 18) }
```

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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