

Converting Colors

CIELCh(73, 79.245, 76.379)

Have a look what the booklet for
CIELCh(73, 79.245, 76.379) contains.

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Color

CIELCh(73, 79.128, 76.444)

Conversions

Conversions Part 1

Format	Color
Hex	F1A400
RGB	241, 164, 0
RGB Percent	95%, 64%, 0%
CMY	0.0556, 0.3574, 1.0000
CMYK	0.00, 0.32, 1.00, 0.06
HSL	41°, 100%, 47%
HSV	41°, 100%, 94%
XYZ	49.4596, 45.1644, 6.0992
YIQ	168.3270, 98.5360, -34.6800

Conversions

Conversions Part 2

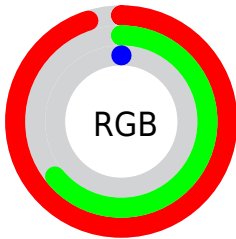
Format	Color
RYB	113, 241, 0
Decimal	15836160
CIELab	73.00, 18.55, 76.92
CIELCh	73, 79.128, 76.444
Yxy	45.1644, 0.4910, 0.4484
Android (android.graphics.Color)	4294026240 (0xFFFF1A400)
YUV	168.3270, -82.9852, 63.7342
Hunter-Lab	67.2044, 13.7606, 41.6622

Details

The CIELCh color **73, 79.128, 76.444** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **41, 97.374, 297.940**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 70.319, 91.627**, and **53, 63.304, 71.866** is the 20% darker color. If you saturate the color by 10%, you get **73, 79.083, 76.436**, and if you desaturate by 10%, it is **75, 76.284, 78.853**.

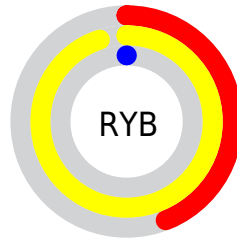
Distribution



Red (95%)

Green (64%)

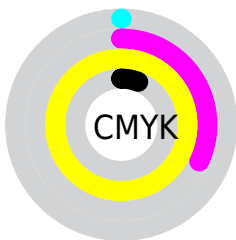
Blue (0%)



Red (44%)

Yellow (95%)

Blue (0%)

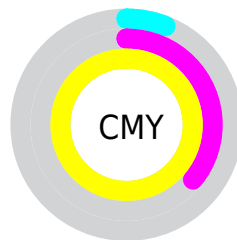


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 79.128, 76.444 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 73, 79.128, 76.444 by changing the saturation by 10% instead.

73, 79.128, 76.444

73, 79.128, 76.444

100, 79.128,
76.444

63, 79.128, 76.444

93, 79.128, 76.444

53, 79.128, 76.444

43, 79.128, 76.444

33, 79.128, 76.444

23, 79.128, 76.444

13, 79.128, 76.444

3, 79.128, 76.444

0, 79.128, 76.444

73, 79.128, 76.444

73, 79.128, 76.444

73, 79.083, 76.436

75, 76.284, 78.853

77, 70.956, 80.855

79, 63.556, 82.562

81, 54.969, 84.109

83, 45.821, 85.570

85, 36.482, 86.978

88, 27.153, 88.343

90, 17.935, 89.666

93, 8.875, 90.937

Harmonies

Complementary

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



73, 79.128, 76.444



41, 97.374, 297.940

Rectangle

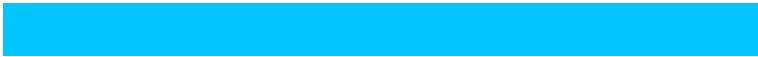
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 79.128, 76.444



73, 79.128, 126.444



73, 79.128, 256.444



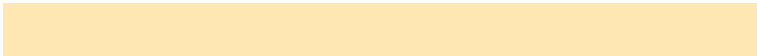
73, 79.128, 306.444

Sweetspot

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



73, 79.083, 76.436



92, 28.444, 88.330



51, 83.135, 19.080



48, 19.474, 87.758



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 79.083, 76.436



77, 82.578, 76.342



89, 94.590, 113.003



49, 5.021, 91.002



57, 64.559, 76.953



17, 24.765, 79.790

Inverse Universe

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



41, 97.374, 297.940



43, 102.010, 298.048



31, 126.885, 306.906



47, 5.027, 273.477



31, 78.053, 297.333



6, 28.701, 290.651

Previews

White Background



This preview shows how the CIELCh color 73, 79.128, 76.444 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 73, 79.128, 76.444 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 73, 79.128, 76.444

Background



This preview shows how black text looks on a background with the CIELCh color 73, 79.128, 76.444.



This preview shows how white text looks on a background with the CIELCh color 73, 79.128, 76.444.

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

73, 79.128, 76.444

Protanopia

73, 73.513, 94.913

Deuteranopia

73, 76.674, 83.009



Tritanopia
73, 38.440, 13.742

Trichromacy



Original Color
73, 79.128, 76.444

Protanomaly
73, 74.519, 87.742

Deuteranomaly
73, 77.424, 80.661

Tritanomaly
72, 49.608, 55.338

Monochromacy



Original Color
73, 79.128, 76.444

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 34.342, 86.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 79.128, 76.444 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(241, 164, 0)` looks like.

```
.text, #text, p{  
    color:rgb(241, 164, 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(241, 164, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 164, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 79.128, 76.444 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(241, 164, 0) }
```

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

```
.border{ border-color:rgb(241, 164, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 164, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 164, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 164, 0);  
box-shadow:4px 4px 4px 4px rgb(241, 164,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 79.128, 76.444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 164, 0) }
```

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

```
.background{ background-color: rgb(241,  
164, 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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