

Converting Colors

CIELCh(74, 73.027, 68.731)

Have a look what the booklet for
CIELCh(74, 73.027, 68.731) contains.

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Color

CIELCh(74, 73.146, 68.862)

Conversions

Conversions Part 1

Format	Color
Hex	FEA130
RGB	254, 161, 48
RGB Percent	100%, 63%, 19%
CMY	0.0045, 0.3691, 0.8123
CMYK	0.00, 0.37, 0.81, 0.00
HSL	33°, 99%, 59%
HSV	33°, 81%, 100%
XYZ	54.0755, 46.7039, 8.9464
YIQ	175.9250, 91.7010, -15.4270

Conversions

Conversions Part 2

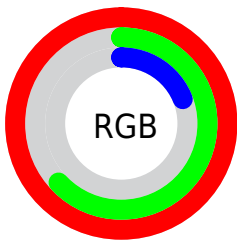
Format	Color
R _Y B	218, 254, 48
Decimal	16687408
CIE Lab	74.00, 26.38, 68.22
CIE LCh	74, 73.146, 68.862
Yxy	46.7039, 0.4928, 0.4256
Android (android.graphics.Color)	4294877488 (0xFFFEA130)
YUV	175.9250, -63.0670, 68.4718
Hunter-Lab	68.3403, 21.6458, 40.0765

Details

The CIELCh color **74, 73.146, 68.862** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **59, 64.996, 281.281**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 59.160, 89.027**, and **54, 67.031, 66.623** is the 20% darker color. If you saturate the color by 10%, you get **71, 79.866, 66.566**, and if you desaturate by 10%, it is **77, 64.550, 70.668**.

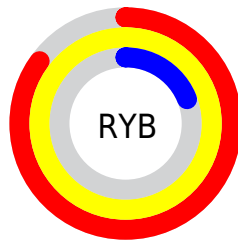
Distribution



Red (100%)

Green (63%)

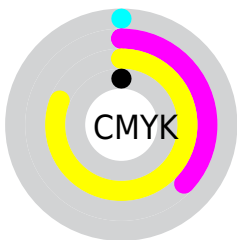
Blue (19%)



Red (85%)

Yellow (100%)

Blue (19%)

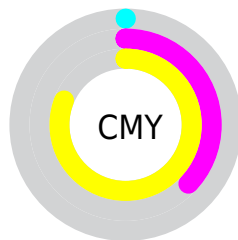


Cyan (0%)

Magenta (37%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 73.146, 68.862 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, 73.146, 68.862 by changing the saturation by 10% instead.

 74, 73.146, 68.862

 74, 73.146, 68.862

 100, 73.146,
68.862

 64, 73.146, 68.862

 94, 73.146, 68.862

 54, 73.146, 68.862

 44, 73.146, 68.862

 34, 73.146, 68.862

 24, 73.146, 68.862

 14, 73.146, 68.862

 4, 73.146, 68.862

 0, 73.146, 68.862

 74, 73.146, 68.862

 74, 73.146, 68.862

71, 79.866, 66.566

77, 64.550, 70.668

69, 83.721, 63.972

80, 55.115, 72.227

83, 45.472, 73.673

86, 35.950, 75.065

89, 26.697, 76.424

92, 17.771, 77.753

96, 9.182, 79.040

99, 0.916, 79.926

100, 0.397,
201.049

Harmonies

Complementary

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



74, 73.146, 68.862



59, 64.996, 281.281

Rectangle

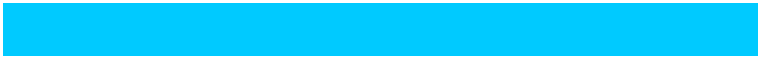
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 73.146, 68.862



74, 73.146, 118.862



74, 73.146, 248.862



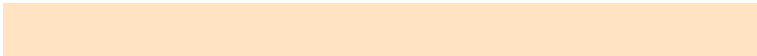
74, 73.146, 298.862

Sweetspot

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



74, 73.144, 68.865



92, 20.361, 77.376



57, 79.498, 358.504



48, 14.086, 76.903



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, 73.144, 68.865



70, 82.788, 64.852



96, 90.392, 105.117



51, 4.687, 79.244



53, 67.500, 64.652



17, 27.084, 66.719

Inverse Universe

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



59, 64.996, 281.281



52, 78.527, 288.128



38, 118.673, 304.519



50, 4.616, 261.830



39, 64.160, 288.594



11, 25.905, 282.438

Previews

White Background



This preview shows how the CIELCh color 74, 73.146, 68.862 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, 73.146, 68.862 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, 73.146, 68.862

Background



This preview shows how black text looks on a background with the CIELCh color 74, 73.146, 68.862.



This preview shows how white text looks on a background with the CIELCh color 74, 73.146, 68.862.

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, 73.146, 68.862

Protanopia

74, 64.955, 95.624

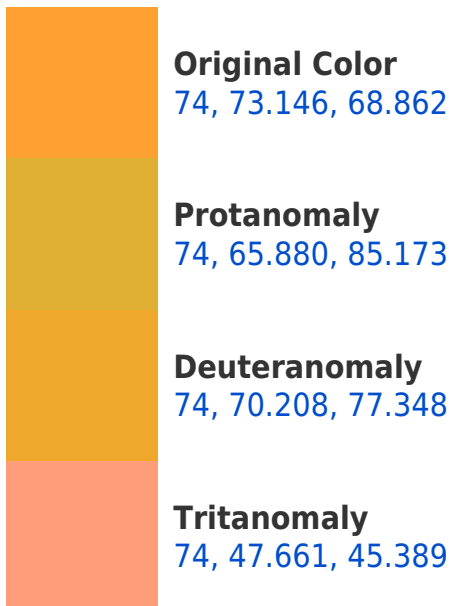
Deuteranopia

74, 69.385, 82.259



Tritanopia
74, 40.809, 16.036

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 73.146, 68.862 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(254, 161, 48)` looks like.

```
.text, #text, p{  
    color:rgb(254, 161, 48)  
}
```

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(254, 161, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 161, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 73.146, 68.862 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(254, 161, 48) }
```

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

```
.border{ border-color:rgb(254, 161, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 161, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 161, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 161, 48);  
box-shadow:4px 4px 4px 4px rgb(254, 161,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 73.146, 68.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 161, 48) }
```

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

```
.background{ background-color: rgb(254,  
161, 48) }
```

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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