

Converting Colors

CIELCh(74, 66.461, 72.004)

Have a look what the booklet for
CIELCh(74, 66.461, 72.004) contains.

CIELCh(74, 66.383, 71.966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 66.383, 71.966)

Conversions

Conversions Part 1

Format	Color
Hex	F4A53C
RGB	244, 165, 60
RGB Percent	96%, 65%, 24%
CMY	0.0413, 0.3513, 0.7631
CMYK	0.00, 0.32, 0.75, 0.04
HSL	34°, 90%, 60%
HSV	34°, 75%, 96%
XYZ	51.8259, 46.7039, 10.6157
YIQ	176.6510, 80.7890, -15.9070

Conversions

Conversions Part 2

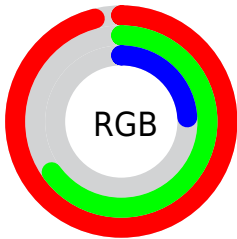
Format	Color
RYB	198, 244, 60
Decimal	16033084
CIELab	74.00, 20.55, 63.12
CIELCh	74, 66.383, 71.966
Yxy	46.7039, 0.4748, 0.4279
Android (android.graphics.Color)	4294223164 (0xFFFF4A53C)
YUV	176.6510, -57.5089, 59.0651
Hunter-Lab	68.3403, 15.7702, 38.6283

Details

The CIELCh color **74, 66.383, 71.966** 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 **58, 60.590, 280.825**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 55.826, 90.314**, and **54, 64.399, 71.042** is the 20% darker color. If you saturate the color by 10%, you get **71, 73.892, 69.984**, and if you desaturate by 10%, it is **77, 57.618, 73.635**.

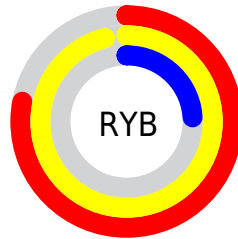
Distribution



Red (96%)

Green (65%)

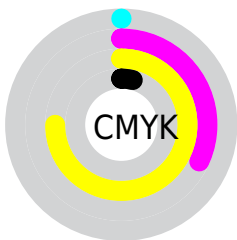
Blue (24%)



Red (78%)

Yellow (96%)

Blue (24%)

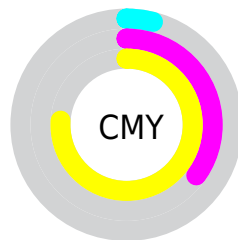


Cyan (0%)

Magenta (32%)

Yellow (75%)

Black (4%)



Cyan (4%)

Magenta (35%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 66.383, 71.966 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, 66.383, 71.966 by changing the saturation by 10% instead.

74, 66.383, 71.966

74, 66.383, 71.966

100, 66.383,
71.966

64, 66.383, 71.966

94, 66.383, 71.966

54, 66.383, 71.966

44, 66.383, 71.966

34, 66.383, 71.966

24, 66.383, 71.966

14, 66.383, 71.966

4, 66.383, 71.966

0, 66.383, 71.966

74, 66.383, 71.966

74, 66.383, 71.966

71, 73.892, 69.984

77, 57.618, 73.635

69, 79.078, 67.402

79, 48.373, 75.147

68, 80.821, 66.015

82, 39.081, 76.583

85, 29.956, 77.975

88, 21.094, 79.333

91, 12.525, 80.652

95, 4.251, 81.891

98, 3.305, 259.251

99, 3.639, 199.357

Harmonies

Complementary

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



74, 66.383, 71.966



58, 60.590, 280.825

Rectangle

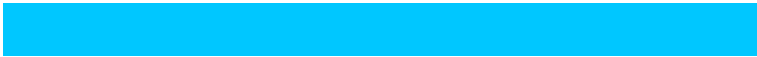
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 66.383, 71.966



74, 66.383, 121.966



74, 66.383, 251.966



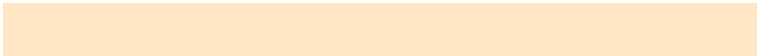
74, 66.383, 301.966

Sweetspot

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



74, 66.382, 71.969



92, 19.775, 79.632



57, 73.543, 359.242



48, 13.775, 79.147



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, 66.382, 71.969



73, 79.289, 68.810



93, 84.140, 107.080



50, 4.613, 81.390



53, 65.751, 66.672



16, 24.833, 68.760

Inverse Universe

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



58, 60.590, 280.825



54, 75.537, 286.936



40, 107.316, 303.881



48, 4.557, 263.970



37, 65.397, 290.261



9, 25.111, 283.606

Previews

White Background



This preview shows how the CIELCh color 74, 66.383, 71.966 looks on a white background.

Color Contrast Check

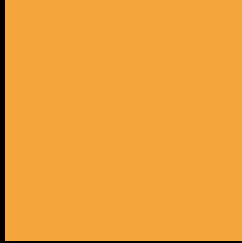
Large Text (above 18pt) WCAG AA × Fail

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, 66.383, 71.966 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, 66.383, 71.966

Background



This preview shows how black text looks on a background with the CIELCh color 74, 66.383, 71.966.



This preview shows how white text looks on a background with the CIELCh color 74, 66.383, 71.966.

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, 66.383, 71.966

Protanopia

74, 60.425, 95.486

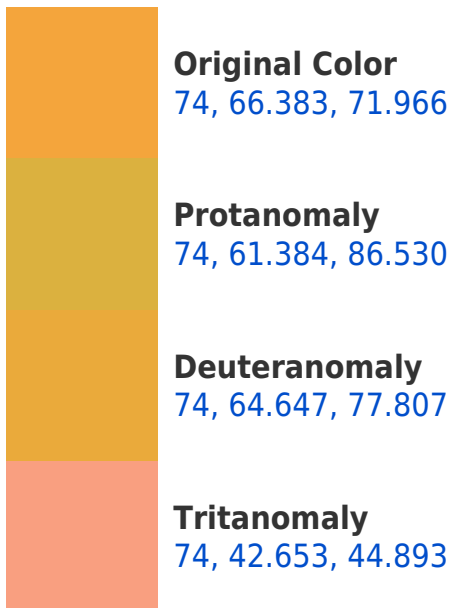
Deuteranopia

74, 64.140, 81.515

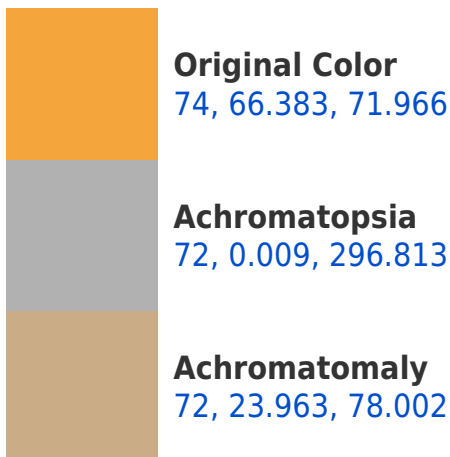


Tritanopia
74, 38.322, 14.460

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 66.383, 71.966 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(244, 165, 60)` looks like.

```
.text, #text, p{  
    color:rgb(244, 165, 60)  
}
```

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(244, 165, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 165, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 66.383, 71.966 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(244, 165, 60) }
```

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

```
.border{ border-color:rgb(244, 165, 60) }
```

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

Here you see how a box with a 4 pixel rgb(244, 165, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 165, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 165, 60);  
box-shadow:4px 4px 4px 4px rgb(244, 165,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 66.383, 71.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 165, 60) }
```

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

```
.background{ background-color: rgb(244,  
165, 60) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor