

Converting Colors

CIELCh(73, 95.987, 43.099)

Have a look what the booklet for
CIELCh(73, 95.987, 43.099) contains.

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Color

CIELCh(64, 74.812, 46.362)

Conversions

Conversions Part 1

Format	Color
Hex	FE6F3B
RGB	254, 111, 59
RGB Percent	100%, 44%, 23%
CMY	0.0038, 0.5640, 0.7676
CMYK	0.00, 0.56, 0.77, 0.00
HSL	16°, 99%, 61%
HSV	16°, 77%, 100%
XYZ	47.3818, 32.8017, 8.0061
YIQ	147.8290, 101.9200, 14.1440

Conversions

Conversions Part 2

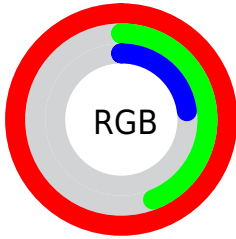
Format	Color
RYB	254, 130, 59
Decimal	16674619
CIELab	64.00, 51.63, 54.14
CIELCh	64, 74.812, 46.362
Yxy	32.8017, 0.5373, 0.3719
Android (android.graphics.Color)	4294864699 (0xFFFE6F3B)
YUV	147.8290, -43.7927, 93.1120
Hunter-Lab	57.2727, 47.4458, 31.8028

Details

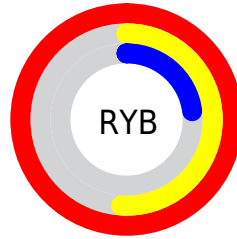
The CIELCh color **64, 74.812, 46.362** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **76, 41.555, 240.429**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 50.762, 57.434**, and **44, 75.008, 46.309** is the 20% darker color. If you saturate the color by 10%, you get **61, 85.696, 46.405**, and if you desaturate by 10%, it is **68, 63.270, 46.115**.

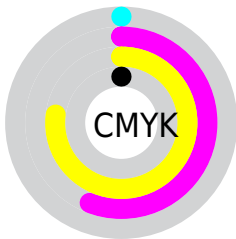
Distribution



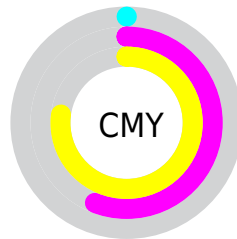
- Red (100%)
- Green (44%)
- Blue (23%)



- Red (100%)
- Yellow (51%)
- Blue (23%)



- Cyan (0%)
- Magenta (56%)
- Yellow (77%)
- Black (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 74.812, 46.362 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 64, 74.812, 46.362 by changing the saturation by 10% instead.

 64, 74.812, 46.362

 64, 74.812, 46.362

 100, 74.812,
46.362

 54, 74.812, 46.362

 84, 74.812, 46.362

 44, 74.812, 46.362

 94, 74.812, 46.362

 34, 74.812, 46.362

 24, 74.812, 46.362

 14, 74.812, 46.362

 4, 74.812, 46.362

 0, 74.812, 46.362

 64, 74.812, 46.362

 64, 74.812, 46.362

 61, 85.696, 46.405

 68, 63.270, 46.115

58, 94.259, 45.651

72, 51.923, 45.924

57, 96.615, 45.338

76, 41.132, 45.880

81, 31.038, 45.992

86, 21.671, 46.241

91, 13.010, 46.595

96, 5.004, 46.979

100, 0.339,
201.338

Harmonies

Complementary

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



64, 74.812, 46.362



76, 41.555, 240.429

Rectangle

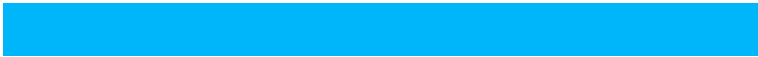
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64, 74.812, 46.362



64, 74.812, 96.362



64, 74.812, 226.362



64, 74.812, 276.362

Sweetspot

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



64, 74.809, 46.365



88, 18.467, 46.361



60, 89.453, 338.537



45, 12.971, 46.243



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 74.809, 46.365



59, 90.961, 46.148



85, 74.028, 87.130



50, 4.325, 46.879



43, 77.557, 45.851



12, 29.012, 41.398

Inverse Universe

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



76, 41.555, 240.429



73, 45.394, 246.822



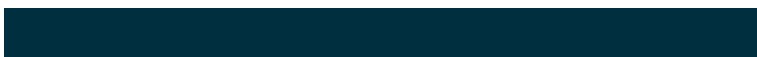
50, 84.473, 293.865



51, 4.093, 228.114



55, 37.623, 249.772



17, 16.697, 243.136

Previews

White Background



This preview shows how the CIELCh color 64, 74.812, 46.362 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 64, 74.812, 46.362 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 64, 74.812, 46.362

Background



This preview shows how black text looks on a background with the CIELCh color 64, 74.812, 46.362.



This preview shows how white text looks on a background with the CIELCh color 64, 74.812, 46.362.

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

64, 74.915, 46.369

Protanopia

64, 45.574, 96.138

Deuteranopia

64, 56.812, 81.722



Tritanopia
64, 62.653, 23.958

Trichromacy



Original Color
64, 74.915, 46.369

Protanomaly
63, 50.178, 70.762

Deuteranomaly
63, 59.948, 65.900

Tritanomaly
64, 66.121, 33.669

Monochromacy



Original Color
64, 74.915, 46.369

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 25.107, 46.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 74.812, 46.362 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, 111, 59)` looks like.

```
.text, #text, p{  
    color:rgb(254, 111, 59)  
}
```

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, 111, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 111, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 74.812, 46.362 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, 111, 59) }
```

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

```
.border{ border-color:rgb(254, 111, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 111, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 111, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 111, 59);  
box-shadow:4px 4px 4px 4px rgb(254, 111,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 74.812, 46.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 111, 59) }
```

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

```
.background{ background-color: rgb(254,  
111, 59) }
```

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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