

Converting Colors

CIELCh(62, 71.717, 39.760)

Have a look what the booklet for
CIELCh(62, 71.717, 39.760) contains.

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Color

CIELCh(62, 71.891, 39.859)

Conversions

Conversions Part 1

Format	Color
Hex	FB6647
RGB	251, 102, 71
RGB Percent	98%, 40%, 28%
CMY	0.0164, 0.6006, 0.7221
CMYK	0.00, 0.59, 0.72, 0.02
HSL	10°, 96%, 63%
HSV	10°, 72%, 98%
XYZ	45.5895, 30.4025, 9.4046
YIQ	143.0170, 98.7550, 21.9470

Conversions

Conversions Part 2

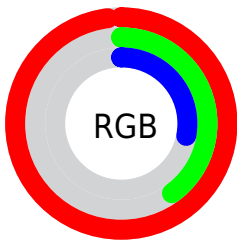
Format	Color
RYB	251, 108, 71
Decimal	16475719
CIELab	62.00, 55.19, 46.07
CIELCh	62, 71.891, 39.859
Yxy	30.4025, 0.5339, 0.3560
Android (android.graphics.Color)	4294665799 (0xFFFB6647)
YUV	143.0170, -35.5044, 94.7011
Hunter-Lab	55.1385, 51.0946, 28.4842

Details

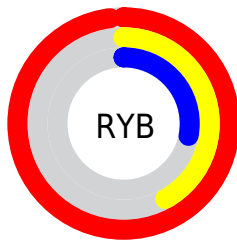
The CIELCh color **62, 71.891, 39.859** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **82, 39.282, 222.254**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 47.346, 46.758**, and **42, 71.775, 39.906** is the 20% darker color. If you saturate the color by 10%, you get **59, 83.540, 41.193**, and if you desaturate by 10%, it is **66, 60.009, 38.637**.

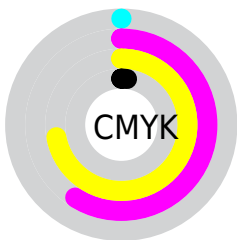
Distribution



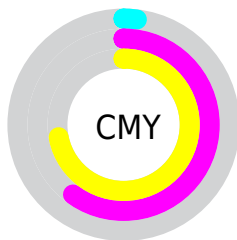
- Red (98%)
- Green (40%)
- Blue (28%)



- Red (98%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (72%)
- Black (2%)



- Cyan (2%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 71.891, 39.859 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 62, 71.891, 39.859 by changing the saturation by 10% instead.

62, 71.891, 39.859

62, 71.891, 39.859

100, 71.891,
39.859

52, 71.891, 39.859

82, 71.891, 39.859

42, 71.891, 39.859

92, 71.891, 39.859

32, 71.891, 39.859

22, 71.891, 39.859

12, 71.891, 39.859

2, 71.891, 39.859

0, 71.891, 39.859

62, 71.891, 39.859

62, 71.891, 39.859

59, 83.540, 41.193

66, 60.009, 38.637

56, 93.660, 42.151

71, 48.485, 37.673

54, 99.655, 42.311

76, 37.581, 36.986

81, 27.409, 36.543

86, 17.996, 36.294

92, 9.319, 36.181

98, 1.327, 35.800

100, 1.451,
199.770

Harmonies

Complementary

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



62, 71.891, 39.859



82, 39.282, 222.254

Rectangle

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



62, 71.891, 39.859



62, 71.891, 89.859



62, 71.891, 219.859



62, 71.891, 269.859

Sweetspot

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



62, 71.888, 39.862



87, 18.474, 36.299



62, 90.336, 334.102



45, 12.557, 36.351



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 71.888, 39.862



58, 89.338, 41.700



81, 66.708, 81.089



49, 4.455, 36.163



41, 80.050, 42.675



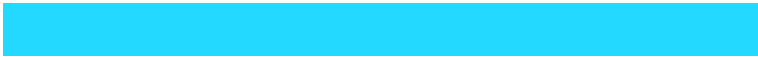
11, 29.138, 34.983

Inverse Universe

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



82, 39.282, 222.254



80, 42.475, 225.731



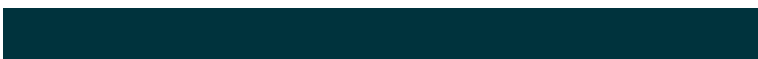
57, 68.604, 287.108



51, 4.192, 216.542



59, 34.739, 229.542



19, 15.724, 224.818

Previews

White Background



This preview shows how the CIELCh color 62, 71.891, 39.859 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 62, 71.891, 39.859 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 62, 71.891, 39.859

Background



This preview shows how black text looks on a background with the CIELCh color 62, 71.891, 39.859.

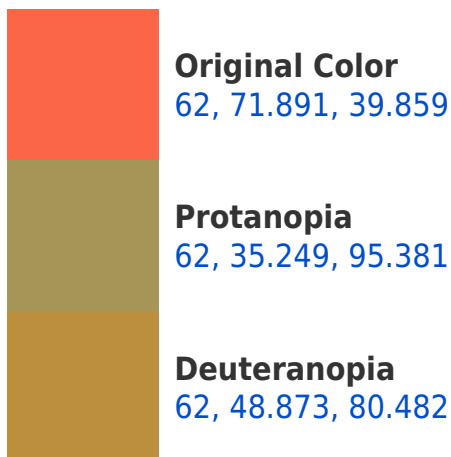


This preview shows how white text looks on a background with the CIELCh color 62, 71.891, 39.859.

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





Tritanopia
62, 65.369, 25.277

Trichromacy



Original Color
62, 71.891, 39.859

Protanomaly
61, 41.934, 62.556

Deuteranomaly
61, 53.484, 60.532

Tritanomaly
62, 67.491, 30.884

Monochromacy



Original Color
62, 71.891, 39.859

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 24.141, 36.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 71.891, 39.859 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(251, 102, 71)` looks like.

```
.text, #text, p{  
    color:rgb(251, 102, 71)  
}
```

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(251, 102, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 102, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 71.891, 39.859 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(251, 102, 71) }
```

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

```
.border{ border-color:rgb(251, 102, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 102, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 102, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 102, 71);  
box-shadow:4px 4px 4px 4px rgb(251, 102,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 71.891, 39.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 102, 71) }
```

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

```
.background{ background-color: rgb(251,  
102, 71) }
```

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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