

Converting Colors

CIELCh(62, 73.331, 39.410)

Have a look what the booklet for
CIELCh(62, 73.331, 39.410) contains.

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Color

CIELCh(62, 73.435, 39.449)

Conversions

Conversions Part 1

Format	Color
Hex	FD6446
RGB	253, 100, 70
RGB Percent	99%, 39%, 27%
CMY	0.0082, 0.6081, 0.7258
CMYK	0.00, 0.60, 0.72, 0.01
HSL	10°, 98%, 63%
HSV	10°, 72%, 99%
XYZ	46.1229, 30.4025, 9.2192
YIQ	142.3270, 100.8180, 23.1060

Conversions

Conversions Part 2

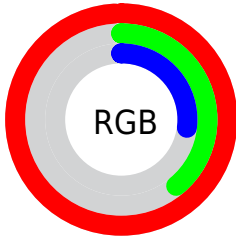
Format	Color
R _Y B	253, 106, 70
Decimal	16606278
CIE Lab	62.00, 56.71, 46.66
CIE LCh	62, 73.435, 39.449
Yxy	30.4025, 0.5379, 0.3546
Android (android.graphics.Color)	4294796358 (0xFFFD6446)
YUV	142.3270, -35.6572, 97.0602
Hunter-Lab	55.1385, 52.8214, 28.6836

Details

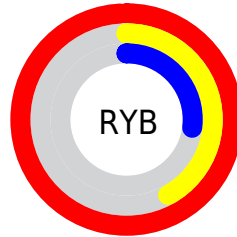
The CIELCh color **62, 73.435, 39.449** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **82, 39.794, 220.973**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 47.970, 45.891**, and **42, 73.382, 39.521** is the 20% darker color. If you saturate the color by 10%, you get **59, 85.125, 40.884**, and if you desaturate by 10%, it is **66, 61.437, 38.122**.

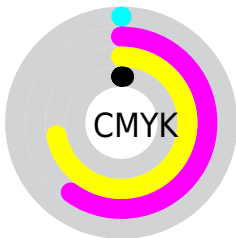
Distribution



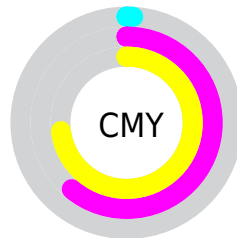
- Red (99%)
- Green (39%)
- Blue (27%)



- Red (99%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (72%)
- Black (1%)



- Cyan (1%)
- Magenta (61%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 73.435, 39.449 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, 73.435, 39.449 by changing the saturation by 10% instead.

62, 73.435, 39.449

62, 73.435, 39.449

100, 73.435,
39.449

52, 73.435, 39.449

82, 73.435, 39.449

42, 73.435, 39.449

92, 73.435, 39.449

32, 73.435, 39.449

22, 73.435, 39.449

12, 73.435, 39.449

2, 73.435, 39.449

0, 73.435, 39.449

62, 73.435, 39.449

62, 73.435, 39.449

59, 85.125, 40.884

66, 61.437, 38.122

56, 95.127, 41.902

71, 49.762, 37.063

55, 100.580,
42.105

76, 38.691, 36.295

81, 28.350, 35.783

86, 18.774, 35.475

92, 9.945, 35.313

98, 1.815, 35.011

100, 0.731,
200.266

Harmonies

Complementary

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



62, 73.435, 39.449



82, 39.794, 220.973

Rectangle

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



62, 73.435, 39.449



62, 73.435, 89.449



62, 73.435, 219.449



62, 73.435, 269.449

Sweetspot

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



62, 73.432, 39.452



87, 18.578, 35.468



62, 92.412, 333.430



45, 12.627, 35.533



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, 73.432, 39.452



58, 90.720, 41.464



81, 67.197, 79.548



50, 4.555, 35.279



41, 81.122, 42.444



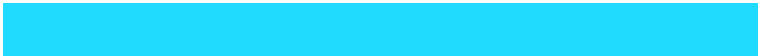
11, 30.507, 35.229

Inverse Universe

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



82, 39.794, 220.973



81, 42.645, 224.400



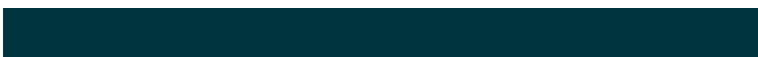
57, 67.914, 286.155



52, 4.284, 215.584



61, 35.068, 227.772



20, 16.169, 223.494

Previews

White Background



This preview shows how the CIELCh color 62, 73.435, 39.449 looks on a white background.

Color Contrast Check

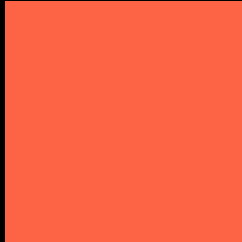
Large Text (above 18pt) WCAG AA × Fail

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, 73.435, 39.449 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, 73.435, 39.449

Background



This preview shows how black text looks on a background with the CIELCh color 62, 73.435, 39.449.

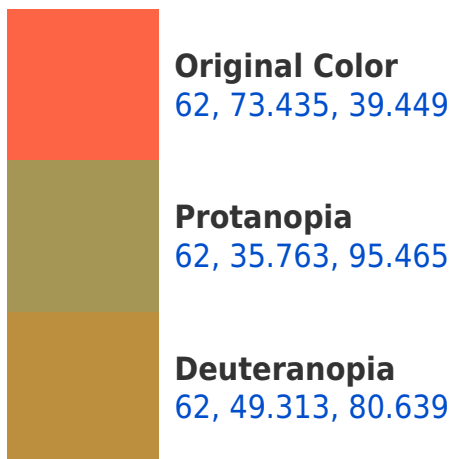


This preview shows how white text looks on a background with the CIELCh color 62, 73.435, 39.449.

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, 67.100, 25.676

Trichromacy



Original Color
62, 73.435, 39.449

Protanomaly
61, 42.700, 62.570

Deuteranomaly
61, 54.285, 59.919

Tritanomaly
62, 69.287, 31.106

Monochromacy



Original Color
62, 73.435, 39.449

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 24.610, 36.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 73.435, 39.449 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(253, 100, 70)` looks like.

```
.text, #text, p{  
    color:rgb(253, 100, 70)  
}
```

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(253, 100, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 100, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 73.435, 39.449 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(253, 100, 70) }
```

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

```
.border{ border-color:rgb(253, 100, 70) }
```

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

Here you see how a box with a 4 pixel rgb(253, 100, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 100, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 100, 70);  
box-shadow:4px 4px 4px 4px rgb(253, 100,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 73.435, 39.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 100, 70) }
```

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

```
.background{ background-color: rgb(253,  
100, 70) }
```

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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