

Converting Colors

CIELCh(63, 70.470, 39.496)

Have a look what the booklet for
CIELCh(63, 70.470, 39.496) contains.

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Color

CIELCh(63, 70.365, 39.461)

Conversions

Conversions Part 1

Format	Color
Hex	FD6A4C
RGB	253, 106, 76
RGB Percent	99%, 42%, 30%
CMY	0.0092, 0.5854, 0.7029
CMYK	0.00, 0.58, 0.70, 0.01
HSL	10°, 97%, 64%
HSV	10°, 70%, 99%
XYZ	46.8060, 31.5869, 10.4217
YIQ	146.5330, 97.2420, 21.8340

Conversions

Conversions Part 2

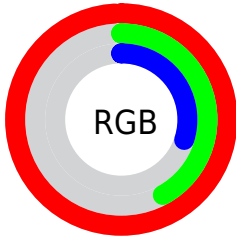
Format	Color
RYB	253, 112, 76
Decimal	16607820
CIELab	63.00, 54.33, 44.72
CIElCh	63, 70.365, 39.461
Yxy	31.5869, 0.5270, 0.3556
Android (android.graphics.Color)	4294797900 (0xFFFD6A4C)
YUV	146.5330, -34.7728, 93.3716
Hunter-Lab	56.2022, 50.3035, 28.3473

Details

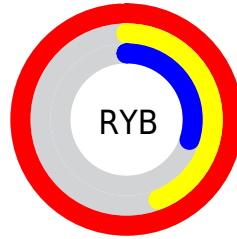
The CIELCh color **63, 70.365, 39.461** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **82, 39.091, 221.447**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 45.328, 46.314**, and **43, 70.197, 39.586** is the 20% darker color. If you saturate the color by 10%, you get **59, 82.193, 40.834**, and if you desaturate by 10%, it is **67, 58.433, 38.248**.

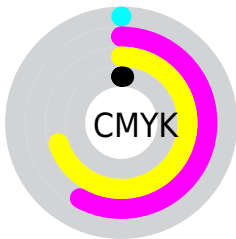
Distribution



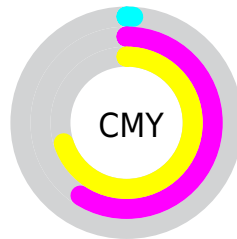
- Red (99%)
- Green (42%)
- Blue (30%)



- Red (99%)
- Yellow (44%)
- Blue (30%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (1%)



- Cyan (1%)
- Magenta (59%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 70.365, 39.461 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 63, 70.365, 39.461 by changing the saturation by 10% instead.

63, 70.365, 39.461

63, 70.365, 39.461

100, 70.365,
39.461

53, 70.365, 39.461

83, 70.365, 39.461

43, 70.365, 39.461

93, 70.365, 39.461

33, 70.365, 39.461

23, 70.365, 39.461

13, 70.365, 39.461

3, 70.365, 39.461

0, 70.365, 39.461

63, 70.365, 39.461

63, 70.365, 39.461

59, 82.193, 40.834

67, 58.433, 38.248

57, 92.773, 41.948

72, 46.918, 37.307

55, 100.319,
42.236

77, 36.053, 36.644

82, 25.934, 36.220

88, 16.577, 35.983

93, 7.954, 35.869

99, 0.017, 354.654

100, 0.812,
200.170

Harmonies

Complementary

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



63, 70.365, 39.461



82, 39.091, 221.447

Rectangle

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



63, 70.365, 39.461



63, 70.365, 89.461



63, 70.365, 219.461



63, 70.365, 269.461

Sweetspot

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



63, 70.362, 39.464



88, 17.593, 36.000



63, 89.526, 333.980



45, 12.048, 36.053



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 70.362, 39.464



59, 87.305, 41.351



82, 65.656, 81.370



50, 4.538, 35.864



41, 80.961, 42.582



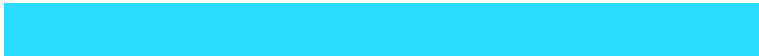
11, 30.428, 35.508

Inverse Universe

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



82, 39.091, 221.447



81, 42.227, 224.645



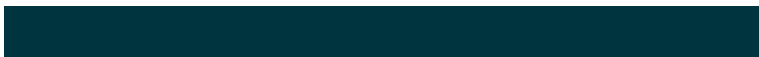
58, 67.219, 286.525



52, 4.269, 216.218



60, 35.078, 228.968



20, 16.153, 224.533

Previews

White Background



This preview shows how the CIELCh color 63, 70.365, 39.461 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 63, 70.365, 39.461 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 63, 70.365, 39.461

Background



This preview shows how black text looks on a background with the CIELCh color 63, 70.365, 39.461.



This preview shows how white text looks on a background with the CIELCh color 63, 70.365, 39.461.

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
63, 64.288, 24.883

Trichromacy



Original Color
63, 70.365, 39.461

Protanomaly
62, 40.555, 63.072

Deuteranomaly
62, 52.100, 60.301

Tritanomaly
63, 66.333, 30.604

Monochromacy



Original Color
63, 70.365, 39.461

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 24.014, 36.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 70.365, 39.461 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, 106, 76)` looks like.

```
.text, #text, p{  
    color:rgb(253, 106, 76)  
}
```

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, 106, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 106, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 70.365, 39.461 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, 106, 76) }
```

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

```
.border{ border-color:rgb(253, 106, 76) }
```

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

Here you see how a box with a 4 pixel rgb(253, 106, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 106, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 106, 76);  
box-shadow:4px 4px 4px 4px rgb(253, 106,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 70.365, 39.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 106, 76) }
```

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

```
.background{ background-color: rgb(253,  
106, 76) }
```

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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