

Converting Colors

CIELCh(61, 69.966, 39.465)

Have a look what the booklet for
CIELCh(61, 69.966, 39.465) contains.

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Color

CIELCh(61, 70.071, 39.724)

Conversions

Conversions Part 1

Format	Color
Hex	F66547
RGB	246, 101, 71
RGB Percent	96%, 40%, 28%
CMY	0.0365, 0.6049, 0.7224
CMYK	0.00, 0.59, 0.71, 0.04
HSL	10°, 90%, 62%
HSV	10°, 71%, 96%
XYZ	43.6599, 29.2481, 9.2678
YIQ	140.9350, 96.0500, 21.4100

Conversions

Conversions Part 2

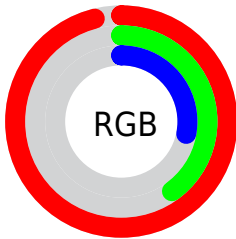
Format	Color
R_{YB}	246, 107, 71
Decimal	16147783
CIE Lab	61.00, 53.89, 44.78
CIE LCh	61, 70.071, 39.724
Yxy	29.2481, 0.5313, 0.3559
Android (android.graphics.Color)	4294337863 (0xFFFF66547)
YUV	140.9350, -34.4780, 92.1420
Hunter-Lab	54.0815, 49.4599, 27.6967

Details

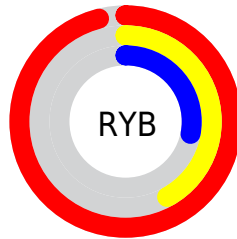
The CIELCh color **61, 70.071, 39.724** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **80, 38.524, 221.984**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 47.661, 45.389**, and **41, 70.389, 39.724** is the 20% darker color. If you saturate the color by 10%, you get **58, 81.571, 41.070**, and if you desaturate by 10%, it is **65, 58.392, 38.508**.

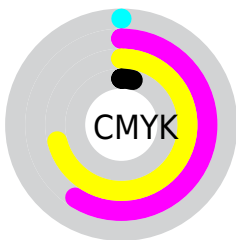
Distribution



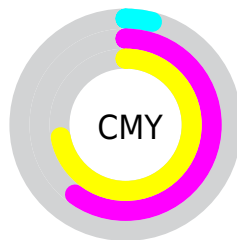
- Red (96%)
- Green (40%)
- Blue (28%)



- Red (96%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (4%)



- Cyan (4%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 70.071, 39.724 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 61, 70.071, 39.724 by changing the saturation by 10% instead.

61, 70.071, 39.724

61, 70.071, 39.724

100, 70.071,
39.724

51, 70.071, 39.724

81, 70.071, 39.724

41, 70.071, 39.724

91, 70.071, 39.724

31, 70.071, 39.724

21, 70.071, 39.724

11, 70.071, 39.724

1, 70.071, 39.724

0, 70.071, 39.724

61, 70.071, 39.724

61, 70.071, 39.724

58, 81.571, 41.070

65, 58.392, 38.508

55, 91.679, 42.087

70, 47.087, 37.555

53, 98.108, 42.313

74, 36.401, 36.878

80, 26.436, 36.443

85, 17.217, 36.199

90, 8.719, 36.087

96, 0.891, 35.482

99, 3.217, 199.407

Harmonies

Complementary

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



61, 70.071, 39.724



80, 38.524, 221.984

Rectangle

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



61, 70.071, 39.724



61, 70.071, 89.724



61, 70.071, 219.724



61, 70.071, 269.724

Sweetspot

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



61, 70.068, 39.727



88, 17.570, 36.197



61, 88.468, 334.057



45, 12.032, 36.248



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 70.068, 39.727



58, 88.309, 41.555



79, 65.161, 81.194



48, 4.382, 36.073



40, 79.245, 42.673



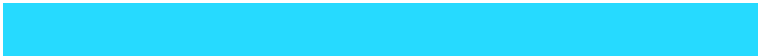
10, 27.889, 34.203

Inverse Universe

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



80, 38.524, 221.984



81, 42.351, 225.288



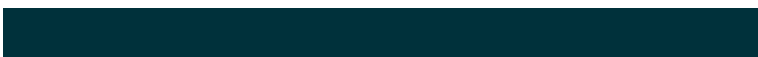
56, 66.899, 286.891



50, 4.124, 216.444



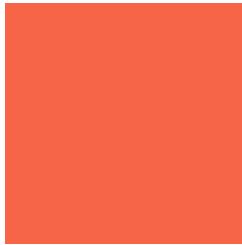
59, 34.385, 229.323



18, 15.301, 224.399

Previews

White Background



This preview shows how the CIELCh color 61, 70.071, 39.724 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 70.071, 39.724 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 70.071, 39.724

Background



This preview shows how black text looks on a background with the CIELCh color 61, 70.071, 39.724.



This preview shows how white text looks on a background with the CIELCh color 61, 70.071, 39.724.

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

61, 70.071, 39.724

Protanopia

61, 34.710, 95.951

Deuteranopia

61, 47.445, 80.320



Tritanopia
61, 63.844, 25.074

Trichromacy



Original Color
61, 70.071, 39.724

Protanomaly
60, 40.972, 63.765

Deuteranomaly
60, 52.139, 60.437

Tritanomaly
61, 65.948, 30.845

Monochromacy



Original Color
61, 70.071, 39.724

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 23.800, 36.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 70.071, 39.724 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(246, 101, 71)` looks like.

```
.text, #text, p{  
    color:rgb(246, 101, 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(246, 101, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 101, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 70.071, 39.724 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(246, 101, 71) }
```

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

```
.border{ border-color:rgb(246, 101, 71) }
```

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

Here you see how a box with a 4 pixel rgb(246, 101, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 101, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 101, 71);  
box-shadow:4px 4px 4px 4px rgb(246, 101,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 70.071, 39.724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 101, 71) }
```

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

```
.background{ background-color: rgb(246,  
101, 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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