

Converting Colors

CIELCh(61, 70.342, 39.437)

Have a look what the booklet for
CIELCh(61, 70.342, 39.437) contains.

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Color

CIELCh(61, 70.293, 39.373)

Conversions

Conversions Part 1

Format	Color
Hex	F66447
RGB	246, 100, 71
RGB Percent	96%, 39%, 28%
CMY	0.0343, 0.6070, 0.7209
CMYK	0.00, 0.59, 0.71, 0.03
HSL	10°, 91%, 62%
HSV	10°, 71%, 97%
XYZ	43.8111, 29.2481, 9.3280
YIQ	140.3480, 96.3250, 21.9330

Conversions

Conversions Part 2

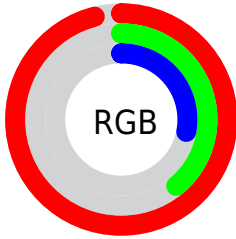
Format	Color
R_{YB}	246, 106, 71
Decimal	16147527
CIE _{Lab}	61.00, 54.34, 44.59
CIE _{LCh}	61, 70.293, 39.373
Yxy	29.2481, 0.5318, 0.3550
Android (android.graphics.Color)	4294337607 (0xFFFF66447)
YUV	140.3480, -34.1886, 92.6568
Hunter-Lab	54.0815, 49.9590, 27.6307

Details

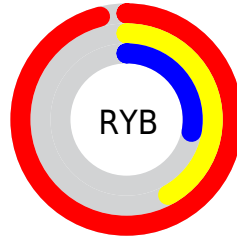
The CIELCh color **61, 70.293, 39.373** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **81, 38.636, 221.035**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 47.829, 44.714**, and **41, 70.579, 39.493** is the 20% darker color. If you saturate the color by 10%, you get **58, 81.828, 40.789**, and if you desaturate by 10%, it is **65, 58.575, 38.100**.

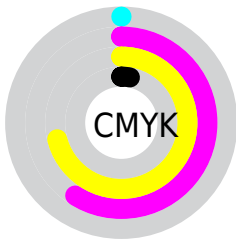
Distribution



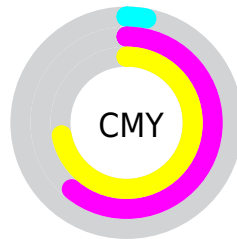
- Red (96%)
- Green (39%)
- Blue (28%)



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



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (3%)



- Cyan (3%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 70.293, 39.373 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, 70.293, 39.373 by changing the saturation by 10% instead.

61, 70.293, 39.373

61, 70.293, 39.373

100, 70.293,
39.373

51, 70.293, 39.373

81, 70.293, 39.373

41, 70.293, 39.373

91, 70.293, 39.373

31, 70.293, 39.373

21, 70.293, 39.373

11, 70.293, 39.373

1, 70.293, 39.373

0, 70.293, 39.373

61, 70.293, 39.373

61, 70.293, 39.373

58, 81.828, 40.789

65, 58.575, 38.100

55, 91.970, 41.886

70, 47.227, 37.100

53, 98.464, 42.178

74, 36.494, 36.384

80, 26.484, 35.915

85, 17.222, 35.641

91, 8.683, 35.501

96, 0.819, 34.806

99, 3.031, 199.432

Harmonies

Complementary

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



61, 70.293, 39.373



81, 38.636, 221.035

Rectangle

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



61, 70.293, 39.373



61, 70.293, 89.373



61, 70.293, 219.373



61, 70.293, 269.373

Sweetspot

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



61, 70.290, 39.376



88, 17.635, 35.640



61, 89.550, 333.340



45, 12.077, 35.699



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, 70.290, 39.376



58, 88.538, 41.315



79, 64.738, 79.778



48, 4.398, 35.483



40, 79.406, 42.531



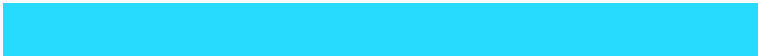
10, 27.969, 33.904

Inverse Universe

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



81, 38.636, 221.035



81, 42.389, 224.231



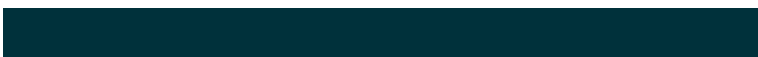
57, 65.212, 285.678



50, 4.138, 215.805



59, 34.371, 228.122



18, 15.317, 223.372

Previews

White Background



This preview shows how the CIELCh color 61, 70.293, 39.373 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, 70.293, 39.373 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, 70.293, 39.373

Background



This preview shows how black text looks on a background with the CIELCh color 61, 70.293, 39.373.



This preview shows how white text looks on a background with the CIELCh color 61, 70.293, 39.373.

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
61, 64.714, 25.277

Trichromacy



Original Color
61, 70.293, 39.373

Protanomaly
60, 40.889, 62.922

Deuteranomaly
60, 51.744, 60.116

Tritanomaly
61, 65.948, 30.845

Monochromacy



Original Color
61, 70.293, 39.373

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 23.584, 35.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 70.293, 39.373 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, 100, 71)` looks like.

```
.text, #text, p{  
    color:rgb(246, 100, 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, 100, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 100, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 70.293, 39.373 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, 100, 71) }
```

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

```
.border{ border-color:rgb(246, 100, 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, 100, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 100, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 100, 71);  
box-shadow:4px 4px 4px 4px rgb(246, 100,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 70.293, 39.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 100, 71) }
```

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

```
.background{ background-color: rgb(246,  
100, 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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