

Converting Colors

CIELCh(61, 69.733, 38.227)

Have a look what the booklet for
CIELCh(61, 69.733, 38.227) contains.

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Color

CIELCh(61, 69.839, 38.277)

Conversions

Conversions Part 1

Format	Color
Hex	F7644A
RGB	247, 100, 74
RGB Percent	97%, 39%, 29%
CMY	0.0329, 0.6091, 0.7109
CMYK	0.00, 0.60, 0.70, 0.03
HSL	9°, 91%, 63%
HSV	9°, 70%, 97%
XYZ	43.9769, 29.2481, 9.7562
YIQ	140.9890, 95.9580, 23.0780

Conversions

Conversions Part 2

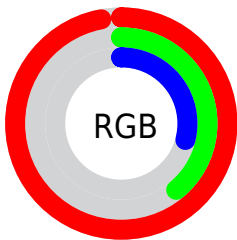
Format	Color
R _{YB}	247, 105, 74
Decimal	16213066
CIE Lab	61.00, 54.83, 43.26
CIE LCh	61, 69.839, 38.277
Yxy	29.2481, 0.5300, 0.3525
Android (android.graphics.Color)	4294403146 (0xFFFF7644A)
YUV	140.9890, -33.0256, 92.9716
Hunter-Lab	54.0815, 50.5062, 27.1613

Details

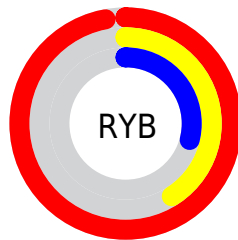
The CIELCh color **61, 69.839, 38.277** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed orange. A complement of this color would be **82, 38.684, 218.249**, and the grayscale version is **59, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 46.940, 43.154**, and **41, 69.856, 38.235** is the 20% darker color. If you saturate the color by 10%, you get **58, 81.463, 39.887**, and if you desaturate by 10%, it is **65, 58.071, 36.861**.

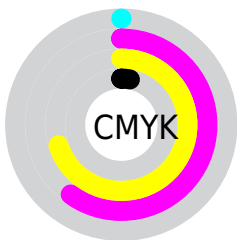
Distribution



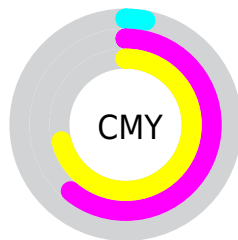
- Red (97%)
- Green (39%)
- Blue (29%)



- Red (97%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (60%)
- Yellow (70%)
- Black (3%)



- Cyan (3%)
- Magenta (61%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 69.839, 38.277 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, 69.839, 38.277 by changing the saturation by 10% instead.

 61, 69.839, 38.277

 61, 69.839, 38.277

 100, 69.839,
38.277

 51, 69.839, 38.277

 81, 69.839, 38.277

 41, 69.839, 38.277

 91, 69.839, 38.277

 31, 69.839, 38.277

 21, 69.839, 38.277

 11, 69.839, 38.277

 1, 69.839, 38.277

 0, 69.839, 38.277

 61, 69.839, 38.277

 61, 69.839, 38.277

 58, 81.463, 39.887

 65, 58.071, 36.861

55, 91.815, 41.262

70, 46.680, 35.751

53, 99.094, 41.824

75, 35.906, 34.944

80, 25.854, 34.395

86, 16.553, 34.049

91, 7.978, 33.837

97, 0.082, 25.958

99, 2.901, 199.450

Harmonies

Complementary

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



61, 69.839, 38.277



82, 38.684, 218.249

Rectangle

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



61, 69.839, 38.277



61, 69.839, 88.277



61, 69.839, 218.277



61, 69.839, 268.277

Sweetspot

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



61, 69.836, 38.280



88, 17.830, 34.074



61, 88.894, 333.276



45, 12.210, 34.157



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, 69.836, 38.280



58, 88.100, 40.511



79, 63.998, 79.941



48, 4.447, 33.826



40, 79.844, 42.151



10, 28.204, 33.054

Inverse Universe

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



82, 38.684, 218.249



82, 42.443, 221.009



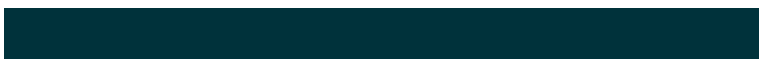
57, 64.325, 285.338



50, 4.182, 214.008



60, 34.406, 224.717



18, 15.386, 220.471

Previews

White Background



This preview shows how the CIELCh color 61, 69.839, 38.277 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, 69.839, 38.277 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, 69.839, 38.277

Background



This preview shows how black text looks on a background with the CIELCh color 61, 69.839, 38.277.

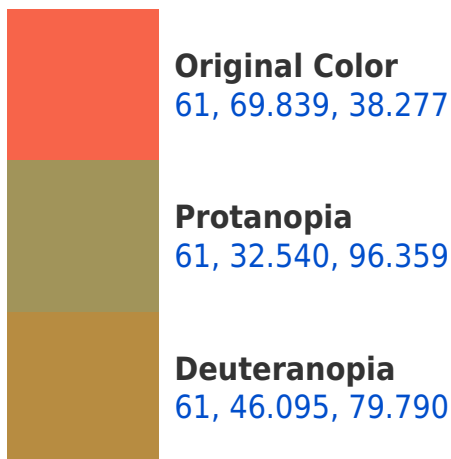


This preview shows how white text looks on a background with the CIELCh color 61, 69.839, 38.277.

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, 69.839, 38.277

Protanomaly
60, 39.275, 61.092

Deuteranomaly
60, 51.010, 58.783

Tritanomaly
61, 65.995, 30.067

Monochromacy



Original Color
61, 69.839, 38.277

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 23.380, 34.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 69.839, 38.277 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(247, 100, 74)` looks like.

```
.text, #text, p{  
    color:rgb(247, 100, 74)  
}
```

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(247, 100, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 100, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 69.839, 38.277 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(247, 100, 74) }
```

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

```
.border{ border-color:rgb(247, 100, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 100, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 100, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 100, 74);  
box-shadow:4px 4px 4px 4px rgb(247, 100,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 69.839, 38.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 100, 74) }
```

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

```
.background{ background-color: rgb(247,  
100, 74) }
```

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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