

Converting Colors

CIELCh(61, 76.070, 42.371)

Have a look what the booklet for
CIELCh(61, 76.070, 42.371) contains.

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Color

CIELCh(61, 76.204, 42.622)

Conversions

Conversions Part 1

Format	Color
Hex	FA623A
RGB	250, 98, 58
RGB Percent	98%, 38%, 23%
CMY	0.0209, 0.6168, 0.7735
CMYK	0.00, 0.61, 0.77, 0.02
HSL	12°, 95%, 60%
HSV	12°, 77%, 98%
XYZ	44.4042, 29.2481, 7.2751
YIQ	138.8880, 103.4320, 19.7840

Conversions

Conversions Part 2

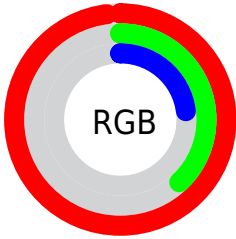
Format	Color
R _Y B	250, 109, 58
Decimal	16409146
CIE Lab	61.00, 56.07, 51.60
CIE LCh	61, 76.204, 42.622
Yxy	29.2481, 0.5487, 0.3614
Android (android.graphics.Color)	4294599226 (0xFFFA623A)
YUV	138.8880, -39.8778, 97.4452
Hunter-Lab	54.0815, 51.9164, 29.8813

Details

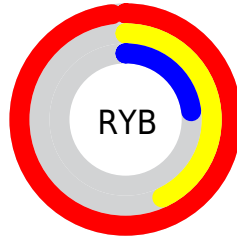
The CIELCh color **61, 76.204, 42.622** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **78, 40.193, 229.886**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 52.178, 50.082**, and **41, 76.257, 42.673** is the 20% darker color. If you saturate the color by 10%, you get **58, 87.199, 43.384**, and if you desaturate by 10%, it is **65, 64.504, 41.730**.

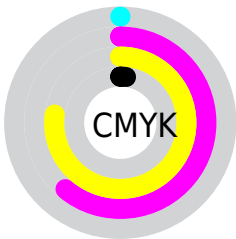
Distribution



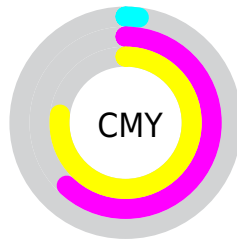
- Red (98%)
- Green (38%)
- Blue (23%)



- Red (98%)
- Yellow (43%)
- Blue (23%)



- Cyan (0%)
- Magenta (61%)
- Yellow (77%)
- Black (2%)



- Cyan (2%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 76.204, 42.622 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, 76.204, 42.622 by changing the saturation by 10% instead.

61, 76.204, 42.622

61, 76.204, 42.622

100, 76.204,
42.622

51, 76.204, 42.622

81, 76.204, 42.622

41, 76.204, 42.622

91, 76.204, 42.622

31, 76.204, 42.622

21, 76.204, 42.622

11, 76.204, 42.622

1, 76.204, 42.622

0, 76.204, 42.622

61, 76.204, 42.622

61, 76.204, 42.622

58, 87.199, 43.384

65, 64.504, 41.730

55, 95.735, 43.355

69, 52.971, 40.982

55, 97.923, 43.305

74, 41.980, 40.459

79, 31.687, 40.156

84, 22.140, 40.040

89, 13.328, 40.067

94, 5.207, 40.157

100, 1.850,
199.646

Harmonies

Complementary

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



61, 76.204, 42.622



78, 40.193, 229.886

Rectangle

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



61, 76.204, 42.622



61, 76.204, 92.622



61, 76.204, 222.622



61, 76.204, 272.622

Sweetspot

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



61, 76.201, 42.625



87, 18.971, 40.036



60, 91.347, 336.032



45, 13.332, 40.039



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, 76.201, 42.625



58, 93.606, 43.519



81, 71.406, 83.042



49, 4.360, 40.139



42, 78.895, 43.726



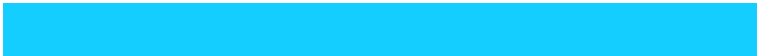
11, 28.611, 37.026

Inverse Universe

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



78, 40.193, 229.886



77, 43.418, 235.016



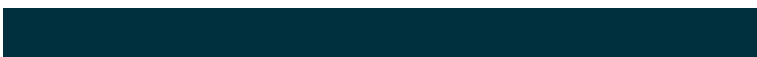
52, 77.575, 291.046



51, 4.109, 220.847



57, 35.202, 237.436



18, 15.747, 231.700

Previews

White Background



This preview shows how the CIELCh color 61, 76.204, 42.622 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, 76.204, 42.622 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, 76.204, 42.622

Background



This preview shows how black text looks on a background with the CIELCh color 61, 76.204, 42.622.



This preview shows how white text looks on a background with the CIELCh color 61, 76.204, 42.622.

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, 67.315, 25.888

Trichromacy



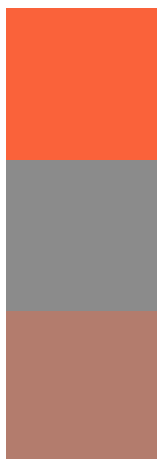
Original Color
61, 76.204, 42.622

Protanomaly
60, 47.495, 66.393

Deuteranomaly
60, 58.621, 62.767

Tritanomaly
61, 70.014, 32.806

Monochromacy



Original Color
61, 76.204, 42.622

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.715, 40.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 76.204, 42.622 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(250, 98, 58)` looks like.

```
.text, #text, p{  
    color:rgb(250, 98, 58)  
}
```

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(250, 98, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 98, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 76.204, 42.622 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(250, 98, 58) }
```

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

```
.border{ border-color:rgb(250, 98, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 98, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 98, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 98, 58);  
box-shadow:4px 4px 4px 4px rgb(250, 98,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 76.204, 42.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 98, 58) }
```

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

```
.background{ background-color: rgb(250, 98,  
58) }
```

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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