

Converting Colors

CIELCh(61, 89.395, 49.493)

Have a look what the booklet for
CIELCh(61, 89.395, 49.493) contains.

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Color

CIELCh(61, 89.288, 49.673)

Conversions

Conversions Part 1

Format	Color
Hex	FE5F0E
RGB	254, 95, 14
RGB Percent	100%, 37%, 5%
CMY	0.0044, 0.6278, 0.9457
CMYK	0.00, 0.63, 0.95, 0.00
HSL	20°, 99%, 52%
HSV	20°, 95%, 100%
XYZ	44.9935, 29.2481, 3.6843
YIQ	133.3070, 120.7650, 8.5170

Conversions

Conversions Part 2

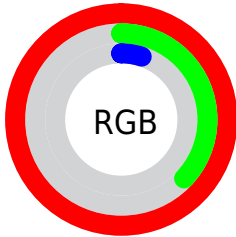
Format	Color
RYB	254, 136, 14
Decimal	16670478
CIELab	61.00, 57.78, 68.07
CIElCh	61, 89.288, 49.673
Yxy	29.2481, 0.5774, 0.3753
Android (android.graphics.Color)	4294860558 (0xFFFE5F0E)
YUV	133.3070, -58.8184, 105.8478
Hunter-Lab	54.0815, 53.8617, 33.8180

Details

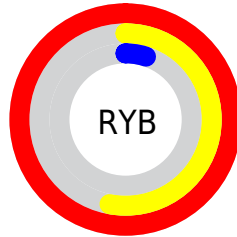
The CIELCh color **61, 89.288, 49.673** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **67, 50.765, 261.080**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 65.145, 59.642**, and **41, 79.748, 43.027** is the 20% darker color. If you saturate the color by 10%, you get **60, 92.981, 48.670**, and if you desaturate by 10%, it is **64, 80.612, 51.002**.

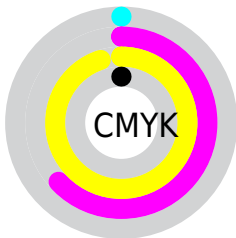
Distribution



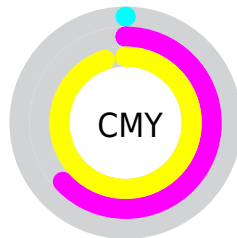
- Red (100%)
- Green (37%)
- Blue (5%)



- Red (100%)
- Yellow (53%)
- Blue (5%)



- Cyan (0%)
- Magenta (63%)
- Yellow (95%)
- Black (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 89.288, 49.673 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, 89.288, 49.673 by changing the saturation by 10% instead.

61, 89.288, 49.673

61, 89.288, 49.673

100, 89.288,
49.673

51, 89.288, 49.673

81, 89.288, 49.673

41, 89.288, 49.673

91, 89.288, 49.673

31, 89.288, 49.673

21, 89.288, 49.673

11, 89.288, 49.673

1, 89.288, 49.673

0, 89.288, 49.673

61, 89.288, 49.673

61, 89.288, 49.673

60, 92.981, 48.670

64, 80.612, 51.002

67, 70.076, 51.653

71, 59.062, 52.088

75, 48.275, 52.519

79, 38.019, 53.025

84, 28.402, 53.620

88, 19.440, 54.294

93, 11.104, 55.021

97, 3.344, 55.696

Harmonies

Complementary

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



61, 89.288, 49.673



67, 50.765, 261.080

Rectangle

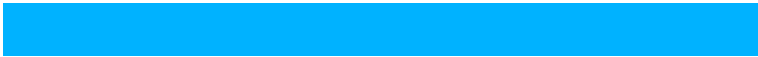
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61, 89.288, 49.673



61, 89.288, 99.673



61, 89.288, 229.673



61, 89.288, 279.673

Sweetspot

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



61, 89.285, 49.675



87, 22.547, 54.053



56, 89.807, 346.644



44, 15.819, 53.763



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, 89.285, 49.675



60, 93.298, 48.662



87, 85.632, 91.152



51, 4.278, 55.388



45, 74.671, 49.279



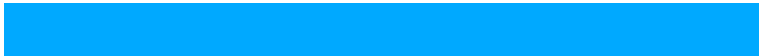
13, 28.087, 46.794

Inverse Universe

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



67, 50.765, 261.080



66, 52.870, 263.927



38, 116.923, 302.698



51, 4.082, 237.194



51, 42.126, 262.947



16, 18.082, 255.707

Previews

White Background



This preview shows how the CIELCh color 61, 89.288, 49.673 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, 89.288, 49.673 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, 89.288, 49.673

Background



This preview shows how black text looks on a background with the CIELCh color 61, 89.288, 49.673.



This preview shows how white text looks on a background with the CIELCh color 61, 89.288, 49.673.

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, 89.288, 49.673

Protanopia

61, 59.287, 95.370

Deuteranopia

61, 66.193, 83.649



Tritanopia
61, 70.954, 27.116

Trichromacy



Original Color
61, 89.288, 49.673

Protanomaly
60, 63.873, 72.622

Deuteranomaly
60, 71.246, 67.638

Tritanomaly
61, 77.650, 38.281

Monochromacy



Original Color
61, 89.288, 49.673

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 31.738, 52.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 89.288, 49.673 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(254, 95, 14)` looks like.

```
.text, #text, p{  
    color:rgb(254, 95, 14)  
}
```

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(254, 95, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 95, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 89.288, 49.673 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(254, 95, 14) }
```

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

```
.border{ border-color:rgb(254, 95, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 95, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 95, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 95, 14);  
box-shadow:4px 4px 4px 4px rgb(254, 95,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 89.288, 49.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 95, 14) }
```

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

```
.background{ background-color: rgb(254, 95,  
14) }
```

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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