

Converting Colors

CIELCh(61, 81.936, 43.779)

Have a look what the booklet for
CIELCh(61, 81.936, 43.779) contains.

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Color

CIELCh(61, 82.032, 43.798)

Conversions

Conversions Part 1

Format	Color
Hex	FE5D2F
RGB	254, 93, 47
RGB Percent	100%, 36%, 18%
CMY	0.0023, 0.6339, 0.8144
CMYK	0.00, 0.63, 0.81, 0.00
HSL	13°, 99%, 59%
HSV	13°, 81%, 100%
XYZ	45.4896, 29.2481, 5.9706
YIQ	135.8950, 110.7220, 19.8260

Conversions

Conversions Part 2

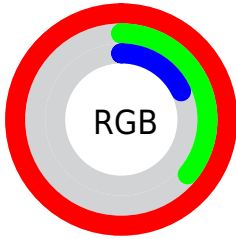
Format	Color
RYB	254, 106, 47
Decimal	16669999
CIELab	61.00, 59.21, 56.78
CIElCh	61, 82.032, 43.798
Yxy	29.2481, 0.5636, 0.3624
Android (android.graphics.Color)	4294860079 (0xFFFE5D2F)
YUV	135.8950, -43.8252, 103.5781
Hunter-Lab	54.0815, 55.4988, 31.3115

Details

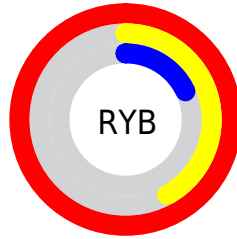
The CIELCh color **61, 82.032, 43.798** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **78, 41.880, 233.942**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 56.600, 51.422**, and **41, 80.389, 42.462** is the 20% darker color. If you saturate the color by 10%, you get **58, 92.287, 44.114**, and if you desaturate by 10%, it is **65, 70.383, 43.083**.

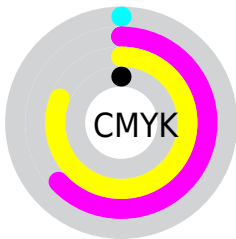
Distribution



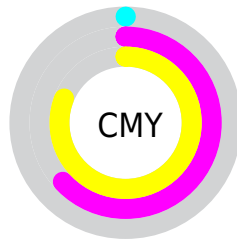
- Red (100%)
- Green (36%)
- Blue (18%)



- Red (100%)
- Yellow (42%)
- Blue (18%)



- Cyan (0%)
- Magenta (63%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 82.032, 43.798 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, 82.032, 43.798 by changing the saturation by 10% instead.

61, 82.032, 43.798

61, 82.032, 43.798

100, 82.032,
43.798

51, 82.032, 43.798

81, 82.032, 43.798

41, 82.032, 43.798

91, 82.032, 43.798

31, 82.032, 43.798

21, 82.032, 43.798

11, 82.032, 43.798

1, 82.032, 43.798

0, 82.032, 43.798

61, 82.032, 43.798

61, 82.032, 43.798

58, 92.287, 44.114

65, 70.383, 43.083

56, 98.766, 43.723

69, 58.600, 42.397

73, 47.240, 41.893

78, 36.537, 41.599

83, 26.578, 41.496

88, 17.371, 41.547

94, 8.879, 41.702

99, 1.046, 41.444

100, 0.204,
202.645

Harmonies

Complementary

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



61, 82.032, 43.798



78, 41.880, 233.942

Rectangle

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



61, 82.032, 43.798



61, 82.032, 93.798



61, 82.032, 223.798



61, 82.032, 273.798

Sweetspot

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



61, 82.029, 43.801



87, 19.729, 41.521



60, 93.971, 337.301



44, 13.758, 41.500



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, 82.029, 43.801



57, 97.528, 43.778



82, 76.071, 83.641



50, 4.401, 41.734



42, 79.220, 44.168



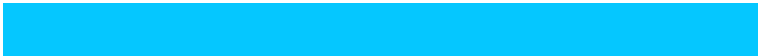
12, 29.651, 38.498

Inverse Universe

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



78, 41.880, 233.942



75, 44.477, 240.491



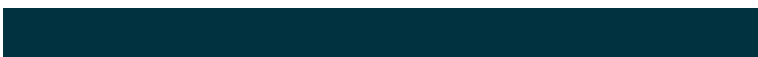
50, 86.071, 293.620



52, 4.151, 222.572



57, 35.912, 240.526



18, 16.251, 234.716

Previews

White Background



This preview shows how the CIELCh color 61, 82.032, 43.798 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, 82.032, 43.798 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, 82.032, 43.798

Background



This preview shows how black text looks on a background with the CIELCh color 61, 82.032, 43.798.



This preview shows how white text looks on a background with the CIELCh color 61, 82.032, 43.798.

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, 82.032, 43.798

Protanopia

61, 46.712, 95.899

Deuteranopia

61, 59.673, 82.374



Tritanopia
61, 70.954, 27.116

Trichromacy



Original Color
61, 82.032, 43.798

Protanomaly
60, 52.241, 67.018

Deuteranomaly
60, 63.915, 63.761

Tritanomaly
61, 74.375, 34.269

Monochromacy



Original Color
61, 82.032, 43.798

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 27.882, 40.733

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 82.032, 43.798 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, 93, 47)` looks like.

```
.text, #text, p{  
    color:rgb(254, 93, 47)  
}
```

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, 93, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 93, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 82.032, 43.798 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, 93, 47) }
```

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

```
.border{ border-color:rgb(254, 93, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 93, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 93, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 93, 47);  
box-shadow:4px 4px 4px 4px rgb(254, 93,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 82.032, 43.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 93, 47) }
```

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

```
.background{ background-color: rgb(254, 93,  
47) }
```

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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