

Converting Colors

CIELCh(72, 102.457, 40.002)

Have a look what the booklet for
CIELCh(72, 102.457, 40.002)
contains.

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Color

CIELCh(61, 78.820, 41.479)

Conversions

Conversions Part 1

Format	Color
Hex	FE5E39
RGB	254, 94, 57
RGB Percent	100%, 37%, 22%
CMY	0.0056, 0.6323, 0.7767
CMYK	0.00, 0.63, 0.78, 0.01
HSL	11°, 99%, 61%
HSV	11°, 78%, 99%
XYZ	45.4346, 29.2481, 7.1139
YIQ	137.6220, 107.2370, 22.4130

Conversions

Conversions Part 2

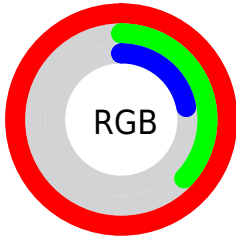
Format	Color
RYB	254, 103, 57
Decimal	16670265
CIELab	61.00, 59.05, 52.21
CIElCh	61, 78.820, 41.479
Yxy	29.2481, 0.5555, 0.3576
Android (android.graphics.Color)	4294860345 (0xFFFE5E39)
YUV	137.6220, -39.7466, 102.0635
Hunter-Lab	54.0815, 55.3174, 30.0581

Details

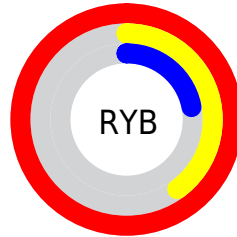
The CIELCh color **61, 78.820, 41.479** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **80, 40.830, 226.271**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 53.059, 48.049**, and **41, 78.748, 41.609** is the 20% darker color. If you saturate the color by 10%, you get **58, 89.887, 42.484**, and if you desaturate by 10%, it is **65, 66.906, 40.338**.

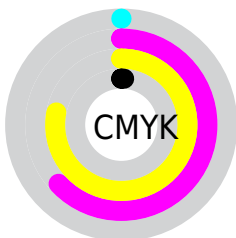
Distribution



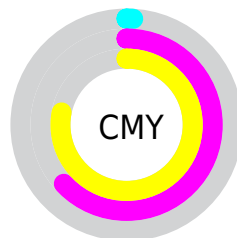
- Red (100%)
- Green (37%)
- Blue (22%)



- Red (100%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (63%)
- Yellow (78%)
- Black (1%)



- Cyan (1%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 78.820, 41.479 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, 78.820, 41.479 by changing the saturation by 10% instead.

61, 78.820, 41.479

61, 78.820, 41.479

100, 78.820,
41.479

51, 78.820, 41.479

81, 78.820, 41.479

41, 78.820, 41.479

91, 78.820, 41.479

31, 78.820, 41.479

21, 78.820, 41.479

11, 78.820, 41.479

1, 78.820, 41.479

0, 78.820, 41.479

61, 78.820, 41.479

61, 78.820, 41.479

58, 89.887, 42.484

65, 66.906, 40.338

56, 98.246, 42.656

69, 55.092, 39.366

55, 99.940, 42.687

74, 43.793, 38.648

79, 33.188, 38.178

84, 23.342, 37.917

90, 14.252, 37.818

95, 5.877, 37.804

100, 0.497,
200.707

Harmonies

Complementary

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



61, 78.820, 41.479



80, 40.830, 226.271

Rectangle

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



61, 78.820, 41.479



61, 78.820, 91.479



61, 78.820, 221.479



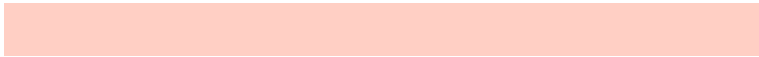
61, 78.820, 271.479

Sweetspot

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



61, 78.817, 41.482



87, 19.208, 37.855



61, 93.907, 335.301



44, 13.500, 37.902



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, 78.817, 41.482



57, 95.351, 42.726



81, 72.291, 81.507



50, 4.486, 37.809



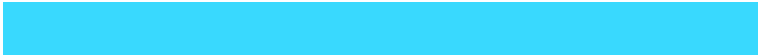
42, 80.408, 43.069



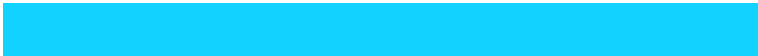
12, 30.167, 36.461

Inverse Universe

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



80, 40.830, 226.271



78, 43.233, 231.023



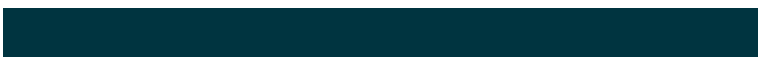
53, 77.320, 290.262



52, 4.223, 218.326



59, 35.211, 232.894



19, 16.133, 227.959

Previews

White Background



This preview shows how the CIELCh color 61, 78.820, 41.479 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, 78.820, 41.479 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, 78.820, 41.479

Background



This preview shows how black text looks on a background with the CIELCh color 61, 78.820, 41.479.



This preview shows how white text looks on a background with the CIELCh color 61, 78.820, 41.479.

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, 78.924, 41.512

Protanopia

61, 41.375, 96.082

Deuteranopia

61, 54.964, 81.675



Tritanopia
61, 70.954, 27.116

Trichromacy



Original Color
61, 78.924, 41.512

Protanomaly
60, 47.790, 64.540

Deuteranomaly
60, 59.803, 61.831

Tritanomaly
61, 72.957, 32.791

Monochromacy



Original Color
61, 78.924, 41.512

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 26.635, 37.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 78.820, 41.479 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, 94, 57)` looks like.

```
.text, #text, p{  
    color:rgb(254, 94, 57)  
}
```

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, 94, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 94, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 78.820, 41.479 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, 94, 57) }
```

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

```
.border{ border-color:rgb(254, 94, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 94, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 94, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 94, 57);  
box-shadow:4px 4px 4px 4px rgb(254, 94,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 78.820, 41.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 94, 57) }
```

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

```
.background{ background-color: rgb(254, 94,  
57) }
```

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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