

Converting Colors

CIELCh(71, 101.454, 40.000)

Have a look what the booklet for
CIELCh(71, 101.454, 40.000)
contains.

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Color

CIELCh(61, 79.321, 41.471)

Conversions

Conversions Part 1

Format	Color
Hex	FE5D38
RGB	254, 93, 56
RGB Percent	100%, 36%, 22%
CMY	0.0035, 0.6344, 0.7791
CMYK	0.00, 0.63, 0.78, 0.00
HSL	11°, 99%, 61%
HSV	11°, 78%, 100%
XYZ	45.5681, 29.2481, 7.0285
YIQ	136.9210, 107.8330, 22.6250

Conversions

Conversions Part 2

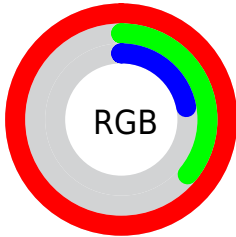
Format	Color
R_{YB}	254, 102, 56
Decimal	16670008
CIE _{Lab}	61.00, 59.43, 52.53
CIE _{LCh}	61, 79.321, 41.471
Yxy	29.2481, 0.5568, 0.3574
Android (android.graphics.Color)	4294860088 (0xFFFE5D38)
YUV	136.9210, -39.8941, 102.6783
Hunter-Lab	54.0815, 55.7582, 30.1517

Details

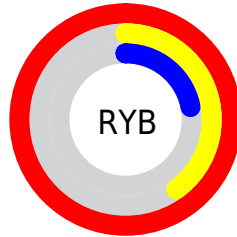
The CIELCh color **61, 79.321, 41.471** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **81, 40.958, 226.211**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 53.536, 47.873**, and **41, 79.266, 41.510** is the 20% darker color. If you saturate the color by 10%, you get **58, 90.359, 42.473**, and if you desaturate by 10%, it is **65, 67.391, 40.319**.

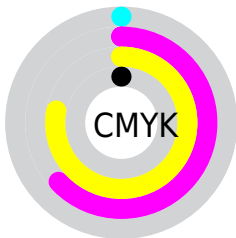
Distribution



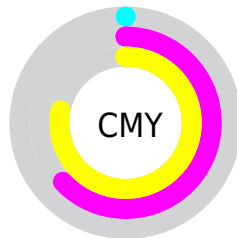
- Red (100%)
- Green (36%)
- Blue (22%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 79.321, 41.471 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, 79.321, 41.471 by changing the saturation by 10% instead.

 61, 79.321, 41.471

 61, 79.321, 41.471

 100, 79.321,
41.471

 51, 79.321, 41.471

 81, 79.321, 41.471

 41, 79.321, 41.471

 91, 79.321, 41.471

 31, 79.321, 41.471

 21, 79.321, 41.471

 11, 79.321, 41.471

 1, 79.321, 41.471

 0, 79.321, 41.471

 61, 79.321, 41.471

 61, 79.321, 41.471

 58, 90.359, 42.473

 65, 67.391, 40.319

56, 98.635, 42.630

69, 55.544, 39.333

55, 100.132,
42.665

74, 44.203, 38.601

79, 33.554, 38.118

84, 23.664, 37.847

90, 14.532, 37.740

95, 6.120, 37.722

100, 0.311,
201.519

Harmonies

Complementary

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



61, 79.321, 41.471



81, 40.958, 226.211

Rectangle

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



61, 79.321, 41.471



61, 79.321, 91.471



61, 79.321, 221.471



61, 79.321, 271.471

Sweetspot

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



61, 79.318, 41.474



87, 19.217, 37.779



61, 94.224, 335.325



44, 13.506, 37.827



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, 79.318, 41.474



57, 95.382, 42.700



81, 72.619, 81.455



50, 4.488, 37.727



42, 80.432, 43.047



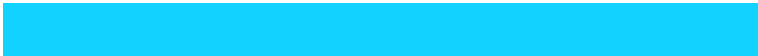
12, 30.178, 36.420

Inverse Universe

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



81, 40.958, 226.211



78, 43.227, 230.867



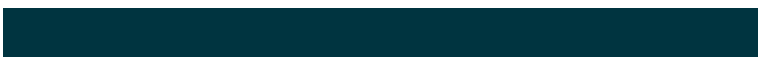
53, 77.766, 290.366



52, 4.225, 218.236



59, 35.202, 232.730



19, 16.133, 227.815

Previews

White Background



This preview shows how the CIELCh color 61, 79.321, 41.471 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, 79.321, 41.471 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, 79.321, 41.471

Background



This preview shows how black text looks on a background with the CIELCh color 61, 79.321, 41.471.



This preview shows how white text looks on a background with the CIELCh color 61, 79.321, 41.471.

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, 79.425, 41.504

Protanopia

61, 41.867, 96.127

Deuteranopia

61, 55.344, 81.778



Tritanopia
61, 70.954, 27.116

Trichromacy



Original Color
61, 79.425, 41.504

Protanomaly
59, 48.207, 64.857

Deuteranomaly
60, 60.162, 62.058

Tritanomaly
61, 73.608, 33.180

Monochromacy



Original Color
61, 79.425, 41.504

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 27.065, 37.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 79.321, 41.471 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, 56)` looks like.

```
.text, #text, p{  
    color:rgb(254, 93, 56)  
}
```

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, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 93, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 79.321, 41.471 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, 56) }
```

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

```
.border{ border-color:rgb(254, 93, 56) }
```

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, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 93, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 93, 56);  
box-shadow:4px 4px 4px 4px rgb(254, 93,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 79.321, 41.471 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, 56) }
```

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

```
.background{ background-color: rgb(254, 93,  
56) }
```

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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