

Converting Colors

CIELCh(61, 79.867, 40.087)

Have a look what the booklet for
CIELCh(61, 79.867, 40.087) contains.

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Color

CIELCh(61, 79.368, 40.074)

Conversions

Conversions Part 1

Format	Color
Hex	FF5B3B
RGB	255, 91, 59
RGB Percent	100%, 36%, 23%
CMY	0.0000, 0.6412, 0.7670
CMYK	0.00, 0.64, 0.77, 0.00
HSL	10°, 100%, 62%
HSV	10°, 77%, 100%
XYZ	46.0234, 29.2481, 7.4123
YIQ	136.3880, 108.0160, 24.8160

Conversions

Conversions Part 2

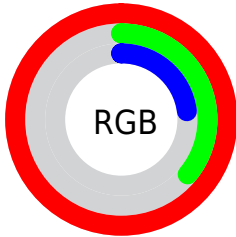
Format	Color
R_{YB}	255, 97, 59
Decimal	16735035
CIE Lab	61.00, 60.73, 51.10
CIE LCh	61, 79.368, 40.074
Yxy	29.2481, 0.5566, 0.3537
Android (android.graphics.Color)	4294925115 (0xFFFF5B3B)
YUV	136.3880, -38.1523, 104.0227
Hunter-Lab	54.0815, 57.2609, 29.7309

Details

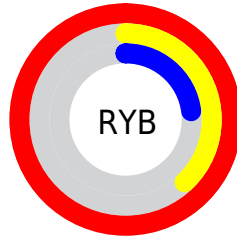
The CIELCh color **61, 79.368, 40.074** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **82, 41.031, 221.894**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 53.042, 46.416**, and **41, 79.178, 40.070** is the 20% darker color. If you saturate the color by 10%, you get **58, 90.412, 41.436**, and if you desaturate by 10%, it is **65, 67.097, 38.683**.

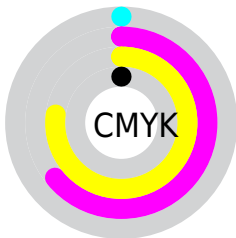
Distribution



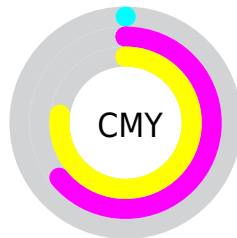
- Red (100%)
- Green (36%)
- Blue (23%)



- Red (100%)
- Yellow (38%)
- Blue (23%)



- Cyan (0%)
- Magenta (64%)
- Yellow (77%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 79.368, 40.074 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, 79.368, 40.074 by changing the saturation by 10% instead.

 61, 79.368, 40.074

 61, 79.368, 40.074

 100, 79.368,
40.074

 51, 79.368, 40.074

 81, 79.368, 40.074

 41, 79.368, 40.074

 91, 79.368, 40.074

 31, 79.368, 40.074

 21, 79.368, 40.074

 11, 79.368, 40.074

 1, 79.368, 40.074

 0, 79.368, 40.074

 61, 79.368, 40.074

 61, 79.368, 40.074

 58, 90.412, 41.436

 65, 67.097, 38.683

56, 99.008, 41.989

69, 55.154, 37.498

55, 101.223,
42.099

74, 43.720, 36.606

79, 32.980, 35.988

85, 23.004, 35.598

90, 13.792, 35.381

96, 5.308, 35.249

100, 0.012,
296.813

Harmonies

Complementary

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



61, 79.368, 40.074



82, 41.031, 221.894

Rectangle

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



61, 79.368, 40.074



61, 79.368, 90.074



61, 79.368, 220.074



61, 79.368, 270.074

Sweetspot

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



61, 79.148, 40.093



87, 19.503, 35.500



62, 95.992, 333.723



44, 13.708, 35.595



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, 79.148, 40.093



57, 95.458, 41.889



80, 71.137, 78.777



50, 4.554, 35.290



41, 81.120, 42.446



11, 30.506, 35.234

Inverse Universe

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



82, 41.031, 221.894



80, 43.104, 225.862



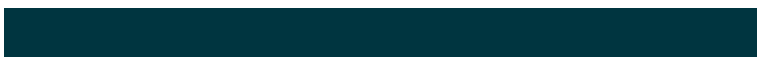
56, 72.833, 287.733



52, 4.284, 215.595



61, 35.068, 227.793



20, 16.168, 223.513

Previews

White Background



This preview shows how the CIELCh color 61, 79.368, 40.074 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, 79.368, 40.074 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, 79.368, 40.074

Background



This preview shows how black text looks on a background with the CIELCh color 61, 79.368, 40.074.



This preview shows how white text looks on a background with the CIELCh color 61, 79.368, 40.074.

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, 79.368, 40.074

Protanopia

61, 39.511, 95.197

Deuteranopia

61, 53.984, 81.903



Tritanopia
61, 71.154, 27.529

Trichromacy



Original Color
61, 79.368, 40.074

Protanomaly
59, 46.540, 62.784

Deuteranomaly
60, 58.771, 60.557

Tritanomaly
61, 73.602, 32.524

Monochromacy



Original Color
61, 79.368, 40.074

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 27.089, 35.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 79.368, 40.074 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(255, 91, 59)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 59)  
}
```

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(255, 91, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 79.368, 40.074 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(255, 91, 59) }
```

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

```
.border{ border-color:rgb(255, 91, 59) }
```

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

Here you see how a box with a 4 pixel rgb(255, 91, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 59);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 79.368, 40.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 59) }
```

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

```
.background{ background-color: rgb(255, 91,  
59) }
```

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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