

Converting Colors

CIELCh(64, 81.590, 36.647)

Have a look what the booklet for
CIELCh(64, 81.590, 36.647) contains.

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Color

CIELCh(61, 75.249, 36.584)

Conversions

Conversions Part 1

Format	Color
Hex	FE5C47
RGB	254, 92, 71
RGB Percent	100%, 36%, 28%
CMY	0.0034, 0.6383, 0.7202
CMYK	0.00, 0.64, 0.72, 0.00
HSL	7°, 99%, 64%
HSV	7°, 72%, 100%
XYZ	45.9146, 29.2481, 9.2467
YIQ	138.0440, 103.2930, 27.8130

Conversions

Conversions Part 2

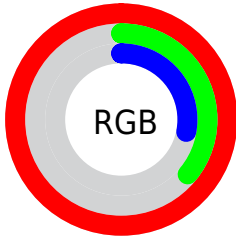
Format	Color
R_{YB}	254, 95, 71
Decimal	16669767
CIE _{Lab}	61.00, 60.42, 44.85
CIE _{LCh}	61, 75.249, 36.584
Yxy	29.2481, 0.5440, 0.3465
Android (android.graphics.Color)	4294859847 (0xFFFE5C47)
YUV	138.0440, -33.0527, 101.6934
Hunter-Lab	54.0815, 56.9017, 27.7198

Details

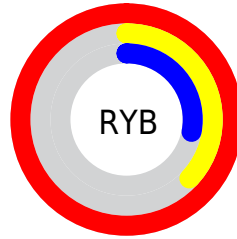
The CIELCh color **61, 75.249, 36.584** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **85, 40.931, 212.719**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 48.969, 40.788**, and **41, 75.470, 36.574** is the 20% darker color. If you saturate the color by 10%, you get **58, 86.997, 38.664**, and if you desaturate by 10%, it is **65, 63.092, 34.716**.

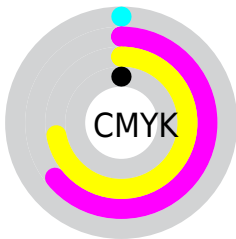
Distribution



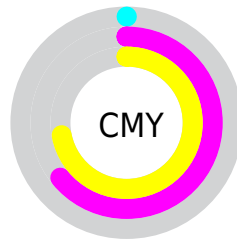
- Red (100%)
- Green (36%)
- Blue (28%)



- Red (100%)
- Yellow (37%)
- Blue (28%)



- Cyan (0%)
- Magenta (64%)
- Yellow (72%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 75.249, 36.584 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, 75.249, 36.584 by changing the saturation by 10% instead.

 61, 75.249, 36.584

 61, 75.249, 36.584

 100, 75.249,
36.584

 51, 75.249, 36.584

 81, 75.249, 36.584

 41, 75.249, 36.584

 91, 75.249, 36.584

 31, 75.249, 36.584

 21, 75.249, 36.584

 11, 75.249, 36.584

 1, 75.249, 36.584

 0, 75.249, 36.584

 61, 75.249, 36.584

 61, 75.249, 36.584

 58, 86.997, 38.664

 65, 63.092, 34.716

■ 55, 96.963, 40.398

■ 70, 51.161, 33.212

■ 54, 102.444,
41.129

■ 75, 39.771, 32.074

■ 81, 29.080, 31.247

■ 86, 19.152, 30.665

■ 92, 9.986, 30.257

■ 99, 1.543, 29.663

100, 0.304,
201.566

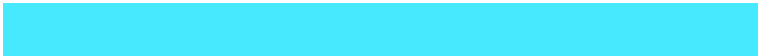
Harmonies

Complementary

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



61, 75.249, 36.584



85, 40.931, 212.719

Rectangle

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



61, 75.249, 36.584



61, 75.249, 86.584



61, 75.249, 216.584



61, 75.249, 266.584

Sweetspot

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



61, 75.246, 36.587



87, 19.282, 30.669



63, 95.645, 331.381



44, 13.104, 30.807



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, 75.246, 36.587



57, 91.653, 39.466



79, 65.999, 75.203



50, 4.728, 30.172



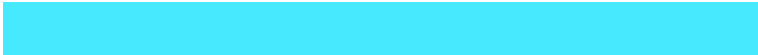
41, 82.405, 41.385



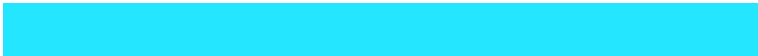
11, 31.255, 32.778

Inverse Universe

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



85, 40.931, 212.719



84, 43.470, 214.780



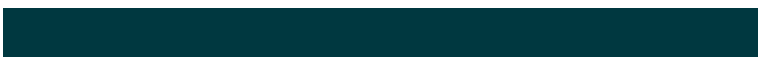
60, 62.579, 282.141



52, 4.443, 210.042



64, 35.596, 217.157



21, 16.529, 214.348

Previews

White Background



This preview shows how the CIELCh color 61, 75.249, 36.584 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, 75.249, 36.584 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, 75.249, 36.584

Background



This preview shows how black text looks on a background with the CIELCh color 61, 75.249, 36.584.

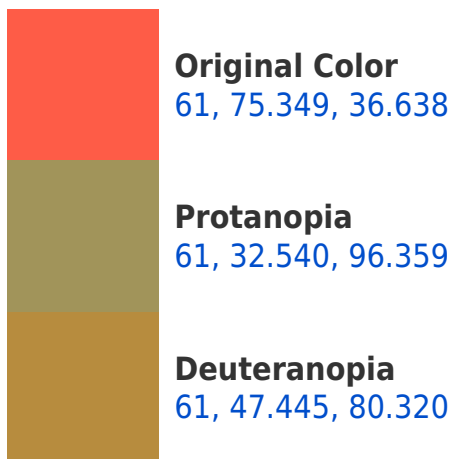


This preview shows how white text looks on a background with the CIELCh color 61, 75.249, 36.584.

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





Tritanopia
61, 70.954, 27.116

Trichromacy



Original Color
61, 75.349, 36.638

Protanomaly
60, 40.812, 58.602

Deuteranomaly
60, 53.426, 57.660

Tritanomaly
61, 72.409, 30.619

Monochromacy



Original Color
61, 75.349, 36.638

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 25.823, 30.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 75.249, 36.584 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, 92, 71)` looks like.

```
.text, #text, p{  
    color:rgb(254, 92, 71)  
}
```

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, 92, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 92, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 75.249, 36.584 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, 92, 71) }
```

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

```
.border{ border-color:rgb(254, 92, 71) }
```

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

Here you see how a box with a 4 pixel rgb(254, 92, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 92, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 92, 71);  
box-shadow:4px 4px 4px 4px rgb(254, 92,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 75.249, 36.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 92, 71) }
```

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

```
.background{ background-color: rgb(254, 92,  
71) }
```

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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