

Converting Colors

CIELCh(61, 74.527, 36.276)

Have a look what the booklet for
CIELCh(61, 74.527, 36.276) contains.

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Color

CIELCh(61, 74.573, 36.251)

Conversions

Conversions Part 1

Format	Color
Hex	FE5D49
RGB	254, 93, 73
RGB Percent	100%, 36%, 29%
CMY	0.0054, 0.6365, 0.7148
CMYK	0.00, 0.63, 0.71, 0.01
HSL	7°, 99%, 64%
HSV	7°, 71%, 99%
XYZ	45.8144, 29.2481, 9.4859
YIQ	138.8590, 102.3760, 27.9120

Conversions

Conversions Part 2

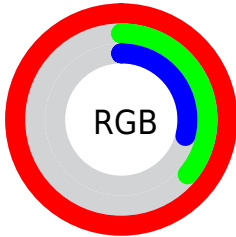
Format	Color
R_{YB}	254, 95, 73
Decimal	16670025
CIE Lab	61.00, 60.14, 44.10
CIE LCh	61, 74.573, 36.251
Yxy	29.2481, 0.5419, 0.3459
Android (android.graphics.Color)	4294860105 (0xFFFE5D49)
YUV	138.8590, -32.4685, 100.9787
Hunter-Lab	54.0815, 56.5710, 27.4576

Details

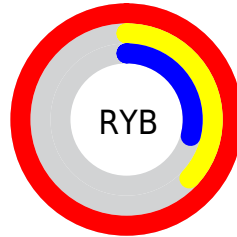
The CIELCh color **61, 74.573, 36.251** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **86, 40.838, 212.026**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 48.213, 40.370**, and **41, 74.648, 36.242** is the 20% darker color. If you saturate the color by 10%, you get **58, 86.347, 38.379**, and if you desaturate by 10%, it is **65, 62.430, 34.359**.

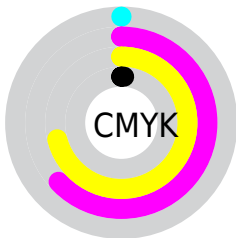
Distribution



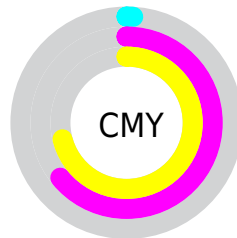
- Red (100%)
- Green (36%)
- Blue (29%)



- Red (100%)
- Yellow (37%)
- Blue (29%)



- Cyan (0%)
- Magenta (63%)
- Yellow (71%)
- Black (1%)



- Cyan (1%)
- Magenta (64%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 74.573, 36.251 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, 74.573, 36.251 by changing the saturation by 10% instead.

 61, 74.573, 36.251

 61, 74.573, 36.251

 100, 74.573,
36.251

 51, 74.573, 36.251

 81, 74.573, 36.251

 41, 74.573, 36.251

 91, 74.573, 36.251

 31, 74.573, 36.251

 21, 74.573, 36.251

 11, 74.573, 36.251

 1, 74.573, 36.251

 0, 74.573, 36.251

 61, 74.573, 36.251

 61, 74.573, 36.251

 58, 86.347, 38.379

 65, 62.430, 34.359

55, 96.444, 40.215

70, 50.527, 32.843

54, 102.388,
41.068

75, 39.169, 31.695

81, 28.511, 30.860

87, 18.615, 30.269

93, 9.480, 29.850

99, 1.065, 29.056

100, 0.478,
200.761

Harmonies

Complementary

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



61, 74.573, 36.251



86, 40.838, 212.026

Rectangle

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



61, 74.573, 36.251



61, 74.573, 86.251



61, 74.573, 216.251



61, 74.573, 266.251

Sweetspot

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



61, 74.570, 36.254



87, 18.386, 30.254



63, 95.022, 331.350



45, 12.590, 30.395



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, 74.570, 36.254



57, 91.802, 39.332



79, 65.376, 75.306



50, 4.743, 29.782



41, 82.492, 41.315



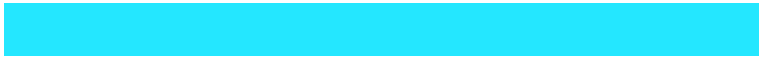
11, 31.319, 32.584

Inverse Universe

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



86, 40.838, 212.026



84, 43.587, 214.065



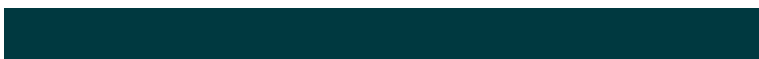
61, 61.940, 281.919



52, 4.458, 209.620



64, 35.684, 216.342



21, 16.573, 213.649

Previews

White Background



This preview shows how the CIELCh color 61, 74.573, 36.251 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, 74.573, 36.251 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, 74.573, 36.251

Background



This preview shows how black text looks on a background with the CIELCh color 61, 74.573, 36.251.



This preview shows how white text looks on a background with the CIELCh color 61, 74.573, 36.251.

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, 74.573, 36.251

Protanopia

61, 32.016, 96.267

Deuteranopia

61, 46.997, 80.149



Tritanopia
61, 70.487, 26.980

Trichromacy



Original Color
61, 74.573, 36.251

Protanomaly
60, 40.409, 58.118

Deuteranomaly
60, 52.659, 56.985

Tritanomaly
61, 71.526, 30.479

Monochromacy



Original Color
61, 74.573, 36.251

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.777, 30.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 74.573, 36.251 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, 73)` looks like.

```
.text, #text, p{  
    color:rgb(254, 93, 73)  
}
```

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, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 93, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 74.573, 36.251 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, 73) }
```

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

```
.border{ border-color:rgb(254, 93, 73) }
```

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, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 93, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 93, 73);  
box-shadow:4px 4px 4px 4px rgb(254, 93,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 74.573, 36.251 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, 73) }
```

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

```
.background{ background-color: rgb(254, 93,  
73) }
```

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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