

Converting Colors

CIELCh(61, 73.641, 34.491)

Have a look what the booklet for
CIELCh(61, 73.641, 34.491) contains.

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Color

CIELCh(61, 73.737, 34.551)

Conversions

Conversions Part 1

Format	Color
Hex	FE5C4D
RGB	254, 92, 77
RGB Percent	100%, 36%, 30%
CMY	0.0041, 0.6393, 0.6981
CMYK	0.00, 0.64, 0.70, 0.00
HSL	5°, 99%, 65%
HSV	5°, 70%, 100%
XYZ	46.0227, 29.2481, 10.2359
YIQ	138.7280, 101.3670, 29.6790

Conversions

Conversions Part 2

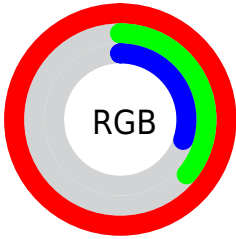
Format	Color
RYB	254, 93, 77
Decimal	16669773
CIELab	61.00, 60.73, 41.82
CIElCh	61, 73.737, 34.551
Yxy	29.2481, 0.5382, 0.3421
Android (android.graphics.Color)	4294859853 (0xFFFE5C4D)
YUV	138.7280, -30.4319, 101.0935
Hunter-Lab	54.0815, 57.2585, 26.6354

Details

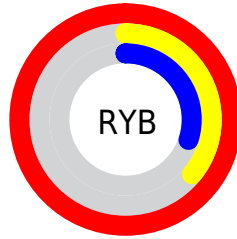
The CIELCh color **61, 73.737, 34.551** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **87, 41.308, 207.998**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 47.399, 37.526**, and **41, 73.832, 34.637** is the 20% darker color. If you saturate the color by 10%, you get **58, 85.588, 36.990**, and if you desaturate by 10%, it is **65, 61.556, 32.442**.

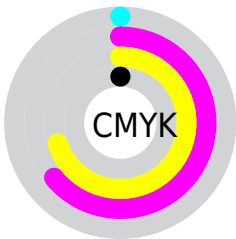
Distribution



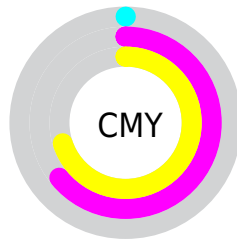
- Red (100%)
- Green (36%)
- Blue (30%)



- Red (100%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (64%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 73.737, 34.551 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, 73.737, 34.551 by changing the saturation by 10% instead.

 61, 73.737, 34.551

 61, 73.737, 34.551

 100, 73.737,
34.551

 51, 73.737, 34.551

 81, 73.737, 34.551

 41, 73.737, 34.551

 91, 73.737, 34.551

 31, 73.737, 34.551

 21, 73.737, 34.551

 11, 73.737, 34.551

 1, 73.737, 34.551

 0, 73.737, 34.551

 61, 73.737, 34.551

 61, 73.737, 34.551

 58, 85.588, 36.990

 65, 61.556, 32.442

■ 55, 95.957, 39.287

■ 70, 49.602, 30.764

■ 54, 102.883,
40.664

■ 76, 38.175, 29.489

■ 54, 103.063,
40.712

■ 81, 27.438, 28.544

■ 87, 17.460, 27.854

■ 94, 8.242, 27.334

100, 0.253,
209.727

100, 0.360,
201.223

Harmonies

Complementary

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



61, 73.737, 34.551



87, 41.308, 207.998

Rectangle

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



61, 73.737, 34.551



61, 73.737, 84.551



61, 73.737, 214.551



61, 73.737, 264.551

Sweetspot

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



61, 73.734, 34.554



87, 18.785, 27.932



64, 94.834, 330.642



44, 12.861, 28.109



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, 73.734, 34.554



57, 90.643, 38.049



79, 63.704, 74.077



50, 4.848, 27.325



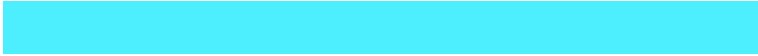
40, 83.002, 40.917



11, 31.745, 31.326

Inverse Universe

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



87, 41.308, 207.998



86, 44.264, 209.338



62, 58.946, 279.901



52, 4.556, 206.954



65, 36.402, 211.218



22, 16.910, 209.251

Previews

White Background



This preview shows how the CIELCh color 61, 73.737, 34.551 looks on a white background.

Color Contrast Check

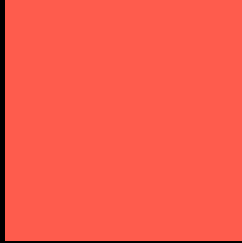
Large Text (above 18pt) WCAG AA ✓ Pass

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, 73.737, 34.551 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, 73.737, 34.551

Background



This preview shows how black text looks on a background with the CIELCh color 61, 73.737, 34.551.



This preview shows how white text looks on a background with the CIELCh color 61, 73.737, 34.551.

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, 70.758, 26.700

Trichromacy



Original Color
61, 73.737, 34.551

Protanomaly
59, 37.737, 54.370

Deuteranomaly
60, 50.746, 55.808

Tritanomaly
61, 71.955, 29.833

Monochromacy



Original Color
61, 73.737, 34.551

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.611, 29.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 73.737, 34.551 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(254, 92, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 92, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 73.737, 34.551 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, 77) }
```

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

```
.border{ border-color:rgb(254, 92, 77) }
```

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, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 92, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 92, 77);  
box-shadow:4px 4px 4px 4px rgb(254, 92,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 73.737, 34.551 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, 77) }
```

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

```
.background{ background-color: rgb(254, 92,  
77) }
```

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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