

Converting Colors

CIELCh(61, 71.221, 34.745)

Have a look what the booklet for
CIELCh(61, 71.221, 34.745) contains.

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Color

CIELCh(61, 71.284, 34.721)

Conversions

Conversions Part 1

Format	Color
Hex	FB5F4F
RGB	251, 95, 79
RGB Percent	98%, 37%, 31%
CMY	0.0158, 0.6275, 0.6903
CMYK	0.00, 0.62, 0.69, 0.02
HSL	6°, 96%, 65%
HSV	6°, 69%, 98%
XYZ	45.2741, 29.2481, 10.6525
YIQ	139.8200, 98.1120, 28.0960

Conversions

Conversions Part 2

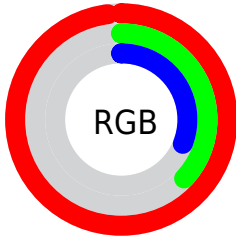
Format	Color
RYB	251, 97, 79
Decimal	16473935
CIELab	61.00, 58.59, 40.60
CIELCh	61, 71.284, 34.721
Yxy	29.2481, 0.5315, 0.3434
Android (android.graphics.Color)	4294664015 (0xFFFB5F4F)
YUV	139.8200, -29.9843, 97.5049
Hunter-Lab	54.0815, 54.7876, 26.1787

Details

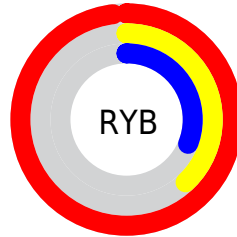
The CIELCh color **61, 71.284, 34.721** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **86, 40.316, 209.124**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 46.434, 37.692**, and **41, 71.221, 34.745** is the 20% darker color. If you saturate the color by 10%, you get **57, 83.123, 37.030**, and if you desaturate by 10%, it is **65, 59.235, 32.751**.

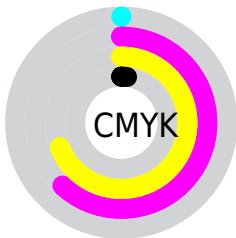
Distribution



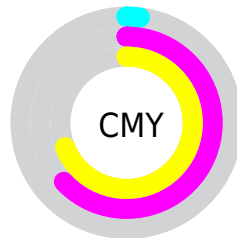
- Red (98%)
- Green (37%)
- Blue (31%)



- Red (98%)
- Yellow (38%)
- Blue (31%)



- Cyan (0%)
- Magenta (62%)
- Yellow (69%)
- Black (2%)



- Cyan (2%)
- Magenta (63%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 71.284, 34.721 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, 71.284, 34.721 by changing the saturation by 10% instead.

 61, 71.284, 34.721

 61, 71.284, 34.721

 100, 71.284,
34.721

 51, 71.284, 34.721

 81, 71.284, 34.721

 41, 71.284, 34.721

 91, 71.284, 34.721

 31, 71.284, 34.721

 21, 71.284, 34.721

 11, 71.284, 34.721

 1, 71.284, 34.721

 0, 71.284, 34.721

 61, 71.284, 34.721

 61, 71.284, 34.721

 57, 83.123, 37.030

 65, 59.235, 32.751

■ 55, 93.720, 39.272

■ 70, 47.483, 31.196

■ 53, 101.084,
40.617

■ 76, 36.293, 30.022

■ 81, 25.808, 29.160

■ 53, 101.960,
40.826

■ 87, 16.079, 28.537

■ 93, 7.100, 28.066

■ 100, 1.174,
208.443

■ 100, 1.399,
199.790

Harmonies

Complementary

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



61, 71.284, 34.721



86, 40.316, 209.124

Rectangle

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



61, 71.284, 34.721



61, 71.284, 84.721



61, 71.284, 214.721



61, 71.284, 264.721

Sweetspot

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



61, 71.281, 34.724



87, 18.652, 28.674



63, 92.936, 330.585



45, 12.771, 28.839



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, 71.281, 34.724



57, 88.156, 37.867



78, 62.053, 74.276



49, 4.734, 28.109



40, 82.006, 41.049



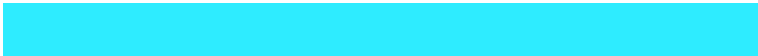
10, 30.379, 30.894

Inverse Universe

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



86, 40.316, 209.124



86, 43.684, 210.491



62, 57.383, 279.464



51, 4.449, 207.806



64, 35.784, 212.833



21, 16.359, 210.534

Previews

White Background



This preview shows how the CIELCh color 61, 71.284, 34.721 looks on a white background.

Color Contrast Check

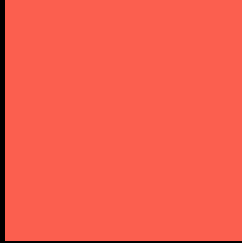
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.284, 34.721 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, 71.284, 34.721

Background



This preview shows how black text looks on a background with the CIELCh color 61, 71.284, 34.721.



This preview shows how white text looks on a background with the CIELCh color 61, 71.284, 34.721.

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, 68.179, 26.091

Trichromacy



Original Color
61, 71.284, 34.721

Protanomaly
59, 36.900, 55.106

Deuteranomaly
60, 49.512, 55.987

Tritanomaly
61, 69.313, 29.379

Monochromacy



Original Color
61, 71.284, 34.721

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 24.223, 29.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 71.284, 34.721 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(251, 95, 79)` looks like.

```
.text, #text, p{  
    color:rgb(251, 95, 79)  
}
```

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(251, 95, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 95, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 71.284, 34.721 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(251, 95, 79) }
```

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

```
.border{ border-color:rgb(251, 95, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 95, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 95, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 95, 79);  
box-shadow:4px 4px 4px 4px rgb(251, 95,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 71.284, 34.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 95, 79) }
```

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

```
.background{ background-color: rgb(251, 95,  
79) }
```

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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