

Converting Colors

CIELCh(60, 76.341, 31.364)

Have a look what the booklet for
CIELCh(60, 76.341, 31.364) contains.

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Color

CIELCh(60, 76.007, 31.131)

Conversions

Conversions Part 1

Format	Color
Hex	FF5350
RGB	255, 83, 80
RGB Percent	100%, 33%, 31%
CMY	0.0000, 0.6756, 0.6880
CMYK	0.00, 0.68, 0.69, 0.00
HSL	1°, 100%, 66%
HSV	1°, 69%, 100%
XYZ	46.0295, 28.1233, 10.5083
YIQ	134.0860, 103.4750, 35.5310

Conversions

Conversions Part 2

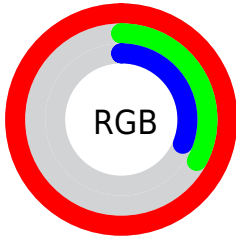
Format	Color
RYB	255, 83, 80
Decimal	16733008
CIELab	60.00, 65.06, 39.30
CIELCh	60, 76.007, 31.131
Yxy	28.1233, 0.5437, 0.3322
Android (android.graphics.Color)	4294923088 (0xFFFF5350)
YUV	134.0860, -26.6644, 106.0416
Hunter-Lab	53.0314, 62.1269, 25.3735

Details

The CIELCh color **60, 76.007, 31.131** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **91, 44.099, 198.881**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 48.861, 30.901**, and **40, 75.560, 30.946** is the 20% darker color. If you saturate the color by 10%, you get **57, 87.334, 34.378**, and if you desaturate by 10%, it is **64, 63.505, 28.322**.

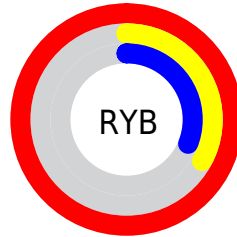
Distribution



Red (100%)

Green (33%)

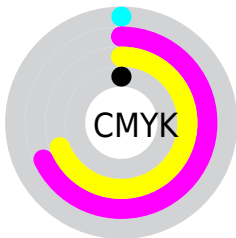
Blue (31%)



Red (100%)

Yellow (33%)

Blue (31%)

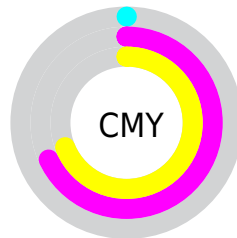


Cyan (0%)

Magenta (68%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 76.007, 31.131 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 60, 76.007, 31.131 by changing the saturation by 10% instead.

 60, 76.007, 31.131

 60, 76.007, 31.131

 100, 76.007,
31.131

 50, 76.007, 31.131

 80, 76.007, 31.131

 40, 76.007, 31.131

 90, 76.007, 31.131

 30, 76.007, 31.131

 20, 76.007, 31.131

 10, 76.007, 31.131

 0, 76.007, 31.131

 60, 76.007, 31.131

 60, 76.007, 31.131

 57, 87.334, 34.378

 64, 63.505, 28.322

 54, 97.354, 37.647

 69, 51.304, 26.116

■ 53, 103.742,
39.879

■ 75, 39.465, 24.421

■ 81, 28.226, 23.130

■ 53, 104.360,
40.126

■ 87, 17.712, 22.144

■ 94, 7.962, 21.360

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.



60, 76.007, 31.131



91, 44.099, 198.881

Rectangle

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



60, 76.007, 31.131



60, 76.007, 81.131



60, 76.007, 211.131



60, 76.007, 261.131

Sweetspot

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



60, 75.699, 31.105



86, 19.963, 22.340



65, 98.704, 328.293



44, 13.661, 22.602



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 75.699, 31.105



56, 91.839, 35.805



76, 62.338, 68.083



50, 5.161, 21.412



40, 83.980, 40.181



10, 32.995, 28.054

Inverse Universe

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



91, 44.099, 198.881



90, 47.429, 198.954



66, 52.530, 273.166



52, 4.855, 200.550



69, 39.350, 199.236



23, 18.157, 198.885

Previews

White Background



This preview shows how the CIELCh color 60, 76.007, 31.131 looks on a white background.

Color Contrast Check

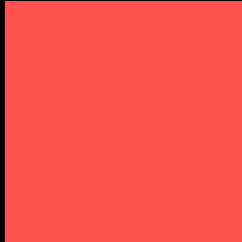
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 60, 76.007, 31.131 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 60, 76.007, 31.131

Background



This preview shows how black text looks on a background with the CIELCh color 60, 76.007, 31.131.



This preview shows how white text looks on a background with the CIELCh color 60, 76.007, 31.131.

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

60, 75.532, 31.015

Protanopia

60, 24.060, 94.982

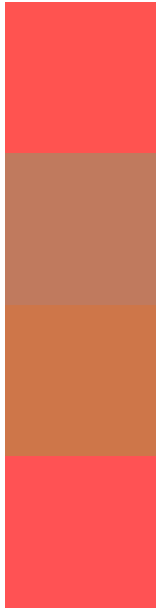
Deuteranopia

60, 42.278, 79.866



Tritanopia
60, 74.415, 28.483

Trichromacy



Original Color
60, 75.532, 31.015

Protanomaly
58, 36.050, 47.675

Deuteranomaly
59, 49.736, 52.176

Tritanomaly
60, 74.853, 29.255

Monochromacy



Original Color
60, 75.532, 31.015

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 27.013, 23.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 76.007, 31.131 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, 83, 80)` looks like.

```
.text, #text, p{  
  color:rgb(255, 83, 80)  
}
```

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, 83, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 76.007, 31.131 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, 83, 80) }
```

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

```
.border{ border-color:rgb(255, 83, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 83, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 80);  
box-shadow:4px 4px 4px 4px rgb(255, 83,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 76.007, 31.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 80) }
```

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

```
.background{ background-color: rgb(255, 83,  
80) }
```

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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