

Converting Colors

CIELCh(59, 84.947, 38.388)

Have a look what the booklet for
CIELCh(59, 84.947, 38.388) contains.

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Color

CIELCh(59, 84.446, 38.360)

Conversions

Conversions Part 1

Format	Color
Hex	FF4D35
RGB	255, 77, 53
RGB Percent	100%, 30%, 21%
CMY	0.0000, 0.6980, 0.7930
CMYK	0.00, 0.70, 0.79, 0.00
HSL	7°, 100%, 60%
HSV	7°, 79%, 100%
XYZ	44.9288, 27.0277, 6.1902
YIQ	127.4860, 113.7920, 30.2720

Conversions

Conversions Part 2

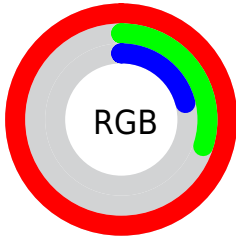
Format	Color
RYB	255, 80, 53
Decimal	16731445
CIELab	59.00, 66.22, 52.41
CIELCh	59, 84.446, 38.360
Yxy	27.0277, 0.5749, 0.3459
Android (android.graphics.Color)	4294921525 (0xFFFF4D35)
YUV	127.4860, -36.7216, 111.8298
Hunter-Lab	51.9882, 63.2823, 29.3322

Details

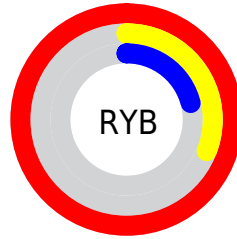
The CIELCh color **59, 84.446, 38.360** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **84, 42.406, 214.659**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 57.087, 42.302**, and **40, 82.873, 39.170** is the 20% darker color. If you saturate the color by 10%, you get **56, 94.713, 40.201**, and if you desaturate by 10%, it is **62, 72.041, 36.384**.

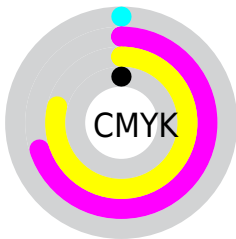
Distribution



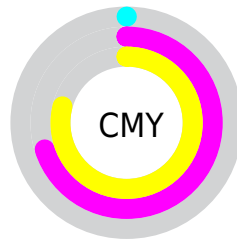
- Red (100%)
- Green (30%)
- Blue (21%)



- Red (100%)
- Yellow (31%)
- Blue (21%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 84.446, 38.360 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 59, 84.446, 38.360 by changing the saturation by 10% instead.

 59, 84.446, 38.360

 59, 84.446, 38.360

 100, 84.446,
38.360

 49, 84.446, 38.360

 79, 84.446, 38.360

 39, 84.446, 38.360

 89, 84.446, 38.360

 29, 84.446, 38.360

 99, 84.446, 38.360

 19, 84.446, 38.360

 9, 84.446, 38.360


 0, 84.446, 38.360

 59, 84.446, 38.360

 59, 84.446, 38.360

 56, 94.713, 40.201

 62, 72.041, 36.384

 54, 102.133,

 67, 59.881, 34.662

41.140

71, 48.062, 33.306

54, 102.571,
41.218

77, 36.848, 32.295

82, 26.365, 31.573

88, 16.652, 31.073

94, 7.695, 30.720

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.



59, 84.446, 38.360



84, 42.406, 214.659

Rectangle

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



59, 84.446, 38.360



59, 84.446, 88.360



59, 84.446, 218.360



59, 84.446, 268.360

Sweetspot

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



59, 84.027, 38.369



85, 21.118, 31.284



61, 99.786, 332.444



43, 14.727, 31.472



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 84.027, 38.369



55, 99.392, 40.831



78, 72.477, 75.343



50, 4.707, 30.726



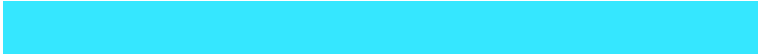
41, 82.278, 41.486



11, 31.166, 33.053

Inverse Universe

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



84, 42.406, 214.659



83, 43.892, 217.624



56, 71.511, 286.263



52, 4.423, 210.644



63, 35.483, 218.317



21, 16.470, 215.344

Previews

White Background



This preview shows how the CIELCh color 59, 84.446, 38.360 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 59, 84.446, 38.360 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 59, 84.446, 38.360

Background



This preview shows how black text looks on a background with the CIELCh color 59, 84.446, 38.360.



This preview shows how white text looks on a background with the CIELCh color 59, 84.446, 38.360.

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

59, 83.968, 38.306

Protanopia

59, 39.585, 95.661

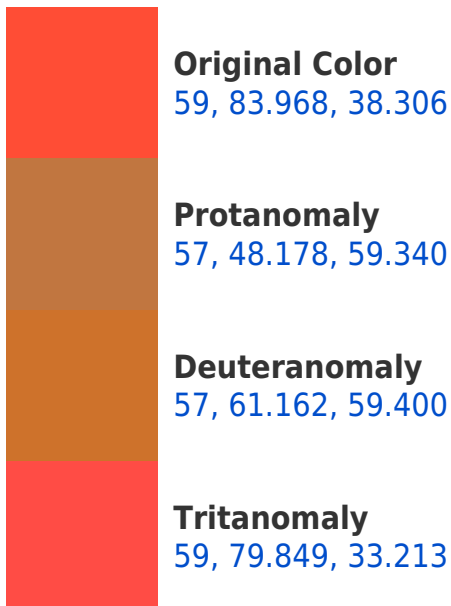
Deuteranopia

59, 55.312, 82.419



Tritanopia
59, 77.867, 29.842

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 84.446, 38.360 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, 77, 53)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 53)  
}
```

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, 77, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 84.446, 38.360 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, 77, 53) }
```

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

```
.border{ border-color:rgb(255, 77, 53) }
```

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

Here you see how a box with a 4 pixel rgb(255, 77, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 53);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 84.446, 38.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 53) }
```

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

```
.background{ background-color: rgb(255, 77,  
53) }
```

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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