

Converting Colors

CIELCh(59, 83.405, 38.970)

Have a look what the booklet for
CIELCh(59, 83.405, 38.970) contains.

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Color

CIELCh(59, 83.455, 39.034)

Conversions

Conversions Part 1

Format	Color
Hex	FE4F34
RGB	254, 79, 52
RGB Percent	100%, 31%, 20%
CMY	0.0025, 0.6889, 0.7951
CMYK	0.00, 0.69, 0.79, 0.00
HSL	8°, 99%, 60%
HSV	8°, 79%, 100%
XYZ	44.4492, 27.0277, 6.1537
YIQ	128.2470, 112.9670, 28.7030

Conversions

Conversions Part 2

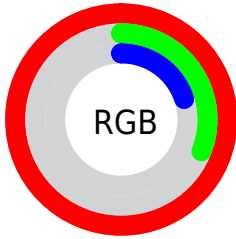
Format	Color
R_{YB}	254, 83, 52
Decimal	16666420
CIE Lab	59.00, 64.83, 52.56
CIE LCh	59, 83.455, 39.034
Yxy	27.0277, 0.5726, 0.3482
Android (android.graphics.Color)	4294856500 (0xFFFE4F34)
YUV	128.2470, -37.5898, 110.2854
Hunter-Lab	51.9882, 61.6357, 29.3737

Details

The CIELCh color **59, 83.455, 39.034** 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 **83, 41.993, 217.134**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 57.190, 43.253**, and **39, 83.002, 39.575** is the 20% darker color. If you saturate the color by 10%, you get **56, 94.138, 40.666**, and if you desaturate by 10%, it is **63, 71.494, 37.228**.

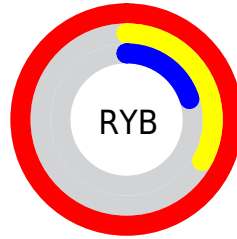
Distribution



Red (100%)

Green (31%)

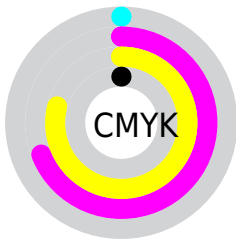
Blue (20%)



Red (100%)

Yellow (33%)

Blue (20%)

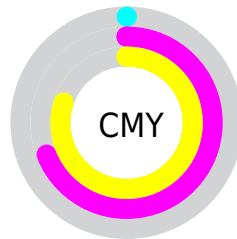


Cyan (0%)

Magenta (69%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 83.455, 39.034 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, 83.455, 39.034 by changing the saturation by 10% instead.

■ 59, 83.455, 39.034

■ 59, 83.455, 39.034

■ 100, 83.455,
39.034

■ 49, 83.455, 39.034

■ 79, 83.455, 39.034

■ 39, 83.455, 39.034

■ 89, 83.455, 39.034

■ 29, 83.455, 39.034

■ 99, 83.455, 39.034

■ 19, 83.455, 39.034

■ 9, 83.455, 39.034

■ 0, 83.455, 39.034

■ 59, 83.455, 39.034

■ 59, 83.455, 39.034

■ 56, 94.138, 40.666

■ 63, 71.494, 37.228

■ 54, 101.627,

■ 67, 59.391, 35.651

41.419

72, 47.660, 34.414

54, 101.979,
41.471

77, 36.549, 33.502

82, 26.177, 32.864

88, 16.574, 32.439

94, 7.722, 32.152

100, 0.223,
202.362

Harmonies

Complementary

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



59, 83.455, 39.034



83, 41.993, 217.134

Rectangle

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



59, 83.455, 39.034



59, 83.455, 89.034



59, 83.455, 219.034



59, 83.455, 269.034

Sweetspot

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



59, 83.452, 39.036



86, 20.888, 32.610



61, 98.522, 333.169



44, 14.567, 32.769



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, 83.452, 39.036



55, 98.925, 41.170



79, 72.709, 76.799



50, 4.655, 32.153



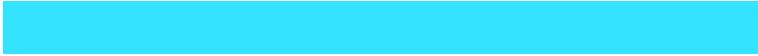
41, 81.936, 41.763



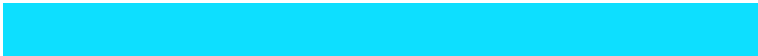
11, 30.947, 33.750

Inverse Universe

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



83, 41.993, 217.134



82, 43.592, 220.507



55, 73.502, 287.559



52, 4.375, 212.192



62, 35.256, 221.298



21, 16.342, 217.906

Previews

White Background



This preview shows how the CIELCh color 59, 83.455, 39.034 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, 83.455, 39.034 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, 83.455, 39.034

Background



This preview shows how black text looks on a background with the CIELCh color 59, 83.455, 39.034.



This preview shows how white text looks on a background with the CIELCh color 59, 83.455, 39.034.

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, 83.455, 39.034

Protanopia

59, 40.082, 95.714

Deuteranopia

59, 55.867, 82.069



Tritanopia
59, 77.180, 29.332

Trichromacy



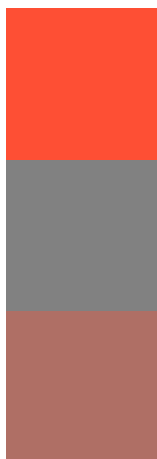
Original Color
59, 83.455, 39.034

Protanomaly
57, 47.764, 60.391

Deuteranomaly
58, 61.073, 59.927

Tritanomaly
59, 79.375, 33.104

Monochromacy



Original Color
59, 83.455, 39.034

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 29.102, 33.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 83.455, 39.034 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, 79, 52)` looks like.

```
.text, #text, p{  
    color:rgb(254, 79, 52)  
}
```

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, 79, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 79, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 83.455, 39.034 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, 79, 52) }
```

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

```
.border{ border-color:rgb(254, 79, 52) }
```

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

Here you see how a box with a 4 pixel rgb(254, 79, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 79, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 79, 52);  
box-shadow:4px 4px 4px 4px rgb(254, 79,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 83.455, 39.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 79, 52) }
```

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

```
.background{ background-color: rgb(254, 79,  
52) }
```

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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