

Converting Colors

CIELCh(59, 86.952, 42.894)

Have a look what the booklet for
CIELCh(59, 86.952, 42.894) contains.

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Color

CIELCh(59, 86.902, 42.834)

Conversions

Conversions Part 1

Format	Color
Hex	FE5126
RGB	254, 81, 38
RGB Percent	100%, 32%, 15%
CMY	0.0047, 0.6830, 0.8516
CMYK	0.00, 0.68, 0.85, 0.00
HSL	12°, 99%, 57%
HSV	12°, 85%, 100%
XYZ	44.0730, 27.0277, 4.7141
YIQ	127.8250, 116.9110, 23.3030

Conversions

Conversions Part 2

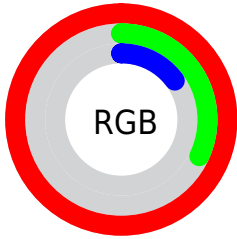
Format	Color
R_{YB}	254, 92, 38
Decimal	16666918
CIE _{Lab}	59.00, 63.73, 59.08
CIE _{LCh}	59, 86.902, 42.834
Yxy	27.0277, 0.5813, 0.3565
Android (android.graphics.Color)	4294856998 (0xFFFE5126)
YUV	127.8250, -44.2837, 110.6555
Hunter-Lab	51.9882, 60.3440, 31.0156

Details

The CIELCh color **59, 86.902, 42.834** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **78, 42.221, 230.685**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 61.051, 49.273**, and **39, 83.161, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **56, 96.125, 43.115**, and if you desaturate by 10%, it is **62, 75.508, 41.901**.

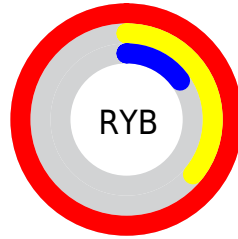
Distribution



Red (100%)

Green (32%)

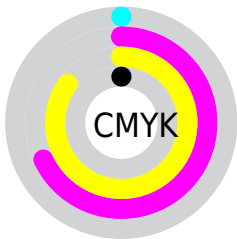
Blue (15%)



Red (100%)

Yellow (36%)

Blue (15%)

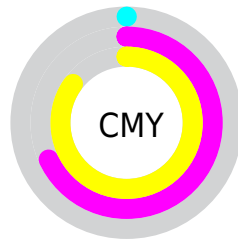


Cyan (0%)

Magenta (68%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (68%)

Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 86.902, 42.834 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, 86.902, 42.834 by changing the saturation by 10% instead.

 59, 86.902, 42.834

 59, 86.902, 42.834

 100, 86.902,
42.834

 49, 86.902, 42.834

 79, 86.902, 42.834

 39, 86.902, 42.834

 89, 86.902, 42.834

 29, 86.902, 42.834

 99, 86.902, 42.834

 19, 86.902, 42.834

 9, 86.902, 42.834

 0, 86.902, 42.834

 59, 86.902, 42.834

 59, 86.902, 42.834

 56, 96.125, 43.115

 62, 75.508, 41.901

 55, 99.550, 43.012

 66, 63.599, 40.915

71, 51.938, 40.115

75, 40.860, 39.556

80, 30.504, 39.223

86, 20.908, 39.079

91, 12.057, 39.075

97, 3.901, 39.099

100, 0.420,
200.958

Harmonies

Complementary

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



59, 86.902, 42.834



78, 42.221, 230.685

Rectangle

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



59, 86.902, 42.834



59, 86.902, 92.834



59, 86.902, 222.834



59, 86.902, 272.834

Sweetspot

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



59, 86.899, 42.836



86, 21.835, 39.086



59, 97.430, 335.939



44, 15.020, 39.122



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, 86.899, 42.836



56, 99.917, 43.006



80, 77.181, 80.093



50, 4.455, 39.105



42, 80.025, 43.414



12, 29.994, 37.117

Inverse Universe

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



78, 42.221, 230.685



76, 44.004, 236.219



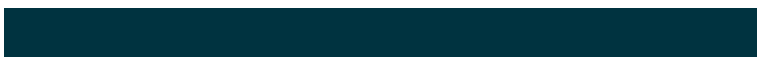
49, 85.709, 292.971



52, 4.197, 219.729



59, 35.380, 235.463



19, 16.150, 230.217

Previews

White Background



This preview shows how the CIELCh color 59, 86.902, 42.834 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, 86.902, 42.834 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, 86.902, 42.834

Background



This preview shows how black text looks on a background with the CIELCh color 59, 86.902, 42.834.



This preview shows how white text looks on a background with the CIELCh color 59, 86.902, 42.834.

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, 86.902, 42.834

Protanopia

59, 48.599, 95.794

Deuteranopia

59, 63.455, 83.259



Tritanopia
59, 77.180, 29.332

Trichromacy



Original Color
59, 86.902, 42.834

Protanomaly
57, 54.838, 65.678

Deuteranomaly
58, 68.552, 63.698

Tritanomaly
59, 80.469, 34.974

Monochromacy



Original Color
59, 86.902, 42.834

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 30.120, 39.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 86.902, 42.834 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, 81, 38)` looks like.

```
.text, #text, p{  
    color:rgb(254, 81, 38)  
}
```

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, 81, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 81, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 86.902, 42.834 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, 81, 38) }
```

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

```
.border{ border-color:rgb(254, 81, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 81, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 81, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 81, 38);  
box-shadow:4px 4px 4px 4px rgb(254, 81,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 86.902, 42.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 81, 38) }
```

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

```
.background{ background-color: rgb(254, 81,  
38) }
```

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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