

Converting Colors

CIELCh(59, 88.286, 43.428)

Have a look what the booklet for
CIELCh(59, 88.286, 43.428) contains.

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Color

CIELCh(59, 88.129, 43.413)

Conversions

Conversions Part 1

Format	Color
Hex	FE5022
RGB	254, 80, 34
RGB Percent	100%, 31%, 13%
CMY	0.0027, 0.6851, 0.8657
CMYK	0.00, 0.68, 0.87, 0.00
HSL	13°, 99%, 57%
HSV	13°, 87%, 100%
XYZ	44.1725, 27.0277, 4.4214
YIQ	126.7820, 118.4700, 22.5820

Conversions

Conversions Part 2

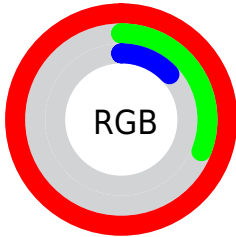
Format	Color
R_{YB}	254, 92, 34
Decimal	16666658
CIE _{Lab}	59.00, 64.02, 60.57
CIE _{LCh}	59, 88.129, 43.413
Yxy	27.0277, 0.5841, 0.3574
Android (android.graphics.Color)	4294856738 (0xFFFE5022)
YUV	126.7820, -45.7415, 111.5702
Hunter-Lab	51.9882, 60.6856, 31.3493

Details

The CIELCh color **59, 88.129, 43.413** 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, 42.608, 233.175**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 62.218, 49.790**, and **39, 83.161, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **56, 96.867, 43.396**, and if you desaturate by 10%, it is **62, 76.929, 42.658**.

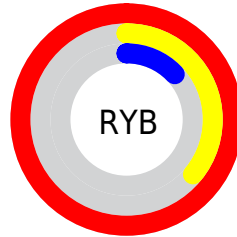
Distribution



Red (100%)

Green (31%)

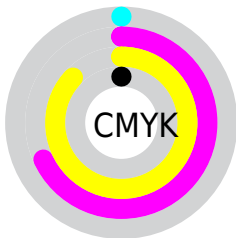
Blue (13%)



Red (100%)

Yellow (36%)

Blue (13%)

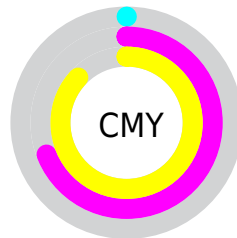


Cyan (0%)

Magenta (68%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (69%)

Yellow (87%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 88.129, 43.413 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, 88.129, 43.413 by changing the saturation by 10% instead.

 59, 88.129, 43.413

 59, 88.129, 43.413

 100, 88.129,
43.413

 49, 88.129, 43.413

 79, 88.129, 43.413

 39, 88.129, 43.413

 89, 88.129, 43.413

 29, 88.129, 43.413

 99, 88.129, 43.413

 19, 88.129, 43.413

 9, 88.129, 43.413

 0, 88.129, 43.413

 59, 88.129, 43.413

 59, 88.129, 43.413

 56, 96.867, 43.396

 62, 76.929, 42.658

 56, 99.296, 43.310

 66, 65.055, 41.775

70, 53.365, 41.041

75, 42.232, 40.531

80, 31.812, 40.241

85, 22.151, 40.136

91, 13.234, 40.172

96, 5.016, 40.265

100, 0.236,
202.198

Harmonies

Complementary

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



59, 88.129, 43.413



78, 42.608, 233.175

Rectangle

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



59, 88.129, 43.413



59, 88.129, 93.413



59, 88.129, 223.413



59, 88.129, 273.413

Sweetspot

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



59, 88.126, 43.415



86, 21.707, 40.135



59, 96.910, 336.940



44, 14.931, 40.150



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, 88.126, 43.415



56, 99.502, 43.307



80, 78.444, 81.261



50, 4.431, 40.245



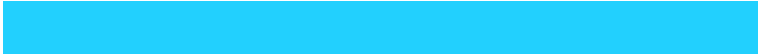
42, 79.680, 43.732



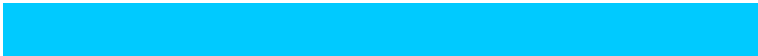
12, 29.845, 37.707

Inverse Universe

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



78, 42.608, 233.175



76, 44.278, 238.472



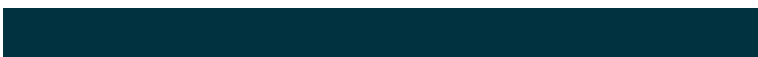
48, 89.747, 294.464



52, 4.176, 220.962



58, 35.580, 237.682



19, 16.182, 232.181

Previews

White Background



This preview shows how the CIELCh color 59, 88.129, 43.413 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, 88.129, 43.413 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, 88.129, 43.413

Background



This preview shows how black text looks on a background with the CIELCh color 59, 88.129, 43.413.



This preview shows how white text looks on a background with the CIELCh color 59, 88.129, 43.413.

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, 88.129, 43.413

Protanopia

59, 49.893, 95.853

Deuteranopia

59, 64.557, 83.457



Tritanopia
59, 77.180, 29.332

Trichromacy



Original Color
59, 88.129, 43.413

Protanomaly
57, 56.293, 66.009

Deuteranomaly
58, 69.669, 64.228

Tritanomaly
59, 81.007, 35.605

Monochromacy



Original Color
59, 88.129, 43.413

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 30.458, 40.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 88.129, 43.413 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, 80, 34)` looks like.

```
.text, #text, p{  
    color:rgb(254, 80, 34)  
}
```

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, 80, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 80, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 88.129, 43.413 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, 80, 34) }
```

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

```
.border{ border-color:rgb(254, 80, 34) }
```

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

Here you see how a box with a 4 pixel rgb(254, 80, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 80, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 80, 34);  
box-shadow:4px 4px 4px 4px rgb(254, 80,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 88.129, 43.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 80, 34) }
```

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

```
.background{ background-color: rgb(254, 80,  
34) }
```

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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