

Converting Colors

CIELCh(58, 71.343, 38.472)

Have a look what the booklet for
CIELCh(58, 71.343, 38.472) contains.

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Color

CIELCh(58, 71.413, 38.315)

Conversions

Conversions Part 1

Format	Color
Hex	EF5A41
RGB	239, 90, 65
RGB Percent	94%, 35%, 25%
CMY	0.0637, 0.6479, 0.7458
CMYK	0.00, 0.62, 0.73, 0.06
HSL	9°, 84%, 60%
HSV	9°, 73%, 94%
XYZ	40.0970, 25.9610, 7.8701
YIQ	131.7010, 96.8290, 23.8130

Conversions

Conversions Part 2

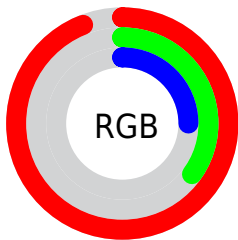
Format	Color
R_{YB}	239, 94, 65
Decimal	15686209
CIE _{Lab}	58.00, 56.03, 44.27
CIE _{LCh}	58, 71.413, 38.315
Yxy	25.9610, 0.5424, 0.3512
Android (android.graphics.Color)	4293876289 (0xFFEF5A41)
YUV	131.7010, -32.8836, 94.1012
Hunter-Lab	50.9519, 51.3062, 26.5083

Details

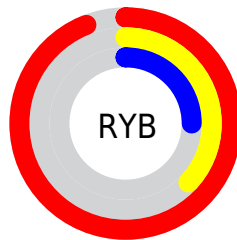
The CIELCh color **58, 71.413, 38.315** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark muted red. A complement of this color would be **79, 38.500, 217.588**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 51.562, 42.452**, and **38, 71.467, 38.366** is the 20% darker color. If you saturate the color by 10%, you get **55, 82.556, 40.006**, and if you desaturate by 10%, it is **62, 59.906, 36.759**.

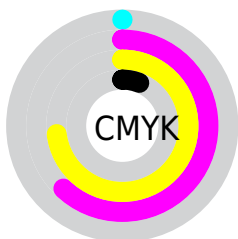
Distribution



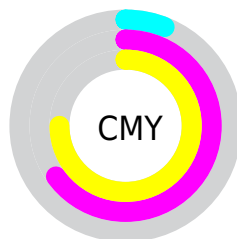
- Red (94%)
- Green (35%)
- Blue (25%)



- Red (94%)
- Yellow (37%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (73%)
- Black (6%)



- Cyan (6%)
- Magenta (65%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 71.413, 38.315 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 58, 71.413, 38.315 by changing the saturation by 10% instead.

 58, 71.413, 38.315

 58, 71.413, 38.315

 100, 71.413,
38.315

 48, 71.413, 38.315

 78, 71.413, 38.315

 38, 71.413, 38.315

 88, 71.413, 38.315

 28, 71.413, 38.315

 98, 71.413, 38.315

 18, 71.413, 38.315

 8, 71.413, 38.315

 0, 71.413, 38.315

 58, 71.413, 38.315

 58, 71.413, 38.315

 55, 82.556, 40.006

 62, 59.906, 36.759

 52, 91.985, 41.278

 66, 48.655, 35.506

51, 96.845, 41.718

71, 37.949, 34.571

76, 27.922, 33.916

82, 18.623, 33.484

87, 10.042, 33.212

93, 2.137, 32.873

98, 5.078, 208.717

99, 5.588, 199.170

Harmonies

Complementary

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



58, 71.413, 38.315



79, 38.500, 217.588

Rectangle

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



58, 71.413, 38.315



58, 71.413, 88.315



58, 71.413, 218.315



58, 71.413, 268.315

Sweetspot

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



58, 71.410, 38.318



87, 18.850, 33.458



59, 89.678, 332.750



45, 12.812, 33.553



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 71.410, 38.318



57, 91.545, 40.676



76, 64.162, 78.046



47, 4.391, 33.139



39, 79.181, 42.020



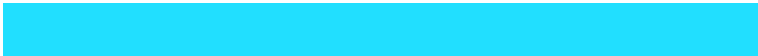
9, 27.049, 31.802

Inverse Universe

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



79, 38.500, 217.588



82, 42.895, 220.459



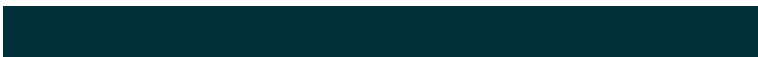
55, 63.592, 285.026



49, 4.130, 213.264



60, 34.103, 223.267



17, 14.999, 219.039

Previews

White Background



This preview shows how the CIELCh color 58, 71.413, 38.315 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 58, 71.413, 38.315 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 58, 71.413, 38.315

Background



This preview shows how black text looks on a background with the CIELCh color 58, 71.413, 38.315.



This preview shows how white text looks on a background with the CIELCh color 58, 71.413, 38.315.

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
58, 71.413, 38.315

Protanopia
58, 33.337, 96.192

Deuteranopia
58, 46.839, 80.775



Tritanopia
58, 66.420, 26.597

Trichromacy



Original Color
58, 71.413, 38.315

Protanomaly
57, 40.251, 61.324

Deuteranomaly
57, 52.068, 58.866

Tritanomaly
58, 68.307, 31.242

Monochromacy



Original Color
58, 71.413, 38.315

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 24.250, 34.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 71.413, 38.315 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(239, 90, 65)` looks like.

```
.text, #text, p{  
    color:rgb(239, 90, 65)  
}
```

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(239, 90, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 90, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 71.413, 38.315 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(239, 90, 65) }
```

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

```
.border{ border-color:rgb(239, 90, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 90, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 90, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 90, 65);  
box-shadow:4px 4px 4px 4px rgb(239, 90,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 71.413, 38.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 90, 65) }
```

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

```
.background{ background-color: rgb(239, 90,  
65) }
```

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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