

Converting Colors

CIELCh(60, 85.694, 44.256)

Have a look what the booklet for
CIELCh(60, 85.694, 44.256) contains.

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Color

CIELCh(60, 85.713, 44.230)

Conversions

Conversions Part 1

Format	Color
Hex	FE5726
RGB	254, 87, 38
RGB Percent	100%, 34%, 15%
CMY	0.0028, 0.6578, 0.8501
CMYK	0.00, 0.66, 0.85, 0.00
HSL	14°, 99%, 57%
HSV	14°, 85%, 100%
XYZ	44.7599, 28.1233, 4.9222
YIQ	131.3470, 115.2610, 20.1650

Conversions

Conversions Part 2

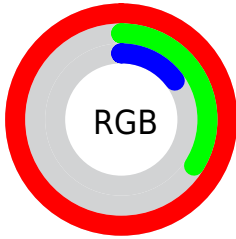
Format	Color
RYB	254, 101, 38
Decimal	16668454
CIELab	60.00, 61.42, 59.79
CIElCh	60, 85.713, 44.230
Yxy	28.1233, 0.5753, 0.3615
Android (android.graphics.Color)	4294858534 (0xFFFE5726)
YUV	131.3470, -46.0201, 107.5667
Hunter-Lab	53.0314, 57.8535, 31.6190

Details

The CIELCh color **60, 85.713, 44.230** 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 **77, 42.626, 236.081**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 60.019, 51.507**, and **40, 81.957, 41.164** is the 20% darker color. If you saturate the color by 10%, you get **57, 94.964, 44.160**, and if you desaturate by 10%, it is **63, 74.388, 43.645**.

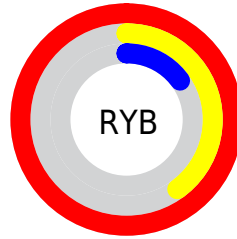
Distribution



Red (100%)

Green (34%)

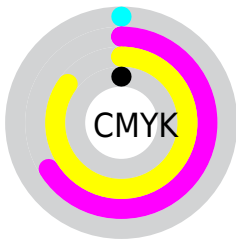
Blue (15%)



Red (100%)

Yellow (40%)

Blue (15%)

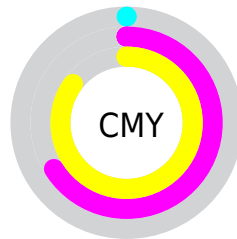


Cyan (0%)

Magenta (66%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 85.713, 44.230 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 60, 85.713, 44.230 by changing the saturation by 10% instead.

 60, 85.713, 44.230

 60, 85.713, 44.230

 100, 85.713,
44.230

 50, 85.713, 44.230

 80, 85.713, 44.230

 40, 85.713, 44.230

 90, 85.713, 44.230

 30, 85.713, 44.230

 20, 85.713, 44.230

 10, 85.713, 44.230

 0, 85.713, 44.230

 60, 85.713, 44.230

 60, 85.713, 44.230

 57, 94.964, 44.160

 63, 74.388, 43.645

 56, 98.528, 43.875

 67, 62.593, 42.970

72, 51.074, 42.437

76, 40.153, 42.106

81, 29.957, 41.971

86, 20.512, 42.000

92, 11.796, 42.150

97, 3.757, 42.311

100, 0.248,
202.063

Harmonies

Complementary

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



60, 85.713, 44.230



77, 42.626, 236.081

Rectangle

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



60, 85.713, 44.230



60, 85.713, 94.230



60, 85.713, 224.230



60, 85.713, 274.230

Sweetspot

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



60, 85.710, 44.232



87, 20.589, 41.999



59, 95.306, 337.672



44, 14.255, 41.973



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 85.710, 44.232



56, 98.743, 43.871



82, 78.081, 83.000



50, 4.392, 42.258



43, 79.055, 44.327



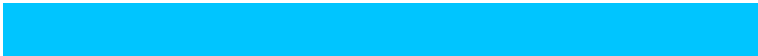
12, 29.584, 38.781

Inverse Universe

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



77, 42.626, 236.081



74, 44.908, 242.351



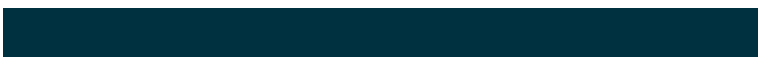
48, 90.204, 294.847



52, 4.144, 223.137



57, 36.047, 241.508



18, 16.281, 235.598

Previews

White Background



This preview shows how the CIELCh color 60, 85.713, 44.230 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 60, 85.713, 44.230 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 60, 85.713, 44.230

Background



This preview shows how black text looks on a background with the CIELCh color 60, 85.713, 44.230.



This preview shows how white text looks on a background with the CIELCh color 60, 85.713, 44.230.

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

60, 85.713, 44.230

Protanopia

60, 49.531, 95.391

Deuteranopia

60, 63.640, 82.999



Tritanopia
60, 73.951, 28.344

Trichromacy



Original Color
60, 85.713, 44.230

Protanomaly
58, 55.418, 66.918

Deuteranomaly
59, 68.222, 64.715

Tritanomaly
60, 77.868, 35.386

Monochromacy



Original Color
60, 85.713, 44.230

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 29.091, 42.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 85.713, 44.230 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, 87, 38)` looks like.

```
.text, #text, p{  
    color:rgb(254, 87, 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, 87, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 87, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 85.713, 44.230 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, 87, 38) }
```

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

```
.border{ border-color:rgb(254, 87, 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, 87, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 87, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 87, 38);  
box-shadow:4px 4px 4px 4px rgb(254, 87,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 85.713, 44.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 87, 38) }
```

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

```
.background{ background-color: rgb(254, 87,  
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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