

Converting Colors

CIELCh(60, 79.640, 39.312)

Have a look what the booklet for
CIELCh(60, 79.640, 39.312) contains.

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Color

CIELCh(60, 79.707, 39.338)

Conversions

Conversions Part 1

Format	Color
Hex	FD573A
RGB	253, 87, 58
RGB Percent	99%, 34%, 23%
CMY	0.0065, 0.6576, 0.7715
CMYK	0.00, 0.66, 0.77, 0.01
HSL	9°, 98%, 61%
HSV	9°, 77%, 99%
XYZ	44.8392, 28.1233, 7.1023
YIQ	133.3280, 108.2450, 26.1730

Conversions

Conversions Part 2

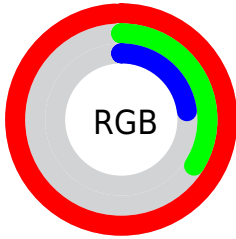
Format	Color
R_{YB}	253, 92, 58
Decimal	16602938
CIE Lab	60.00, 61.65, 50.53
CIE LCh	60, 79.707, 39.338
Yxy	28.1233, 0.5600, 0.3513
Android (android.graphics.Color)	4294793018 (0xFFFD573A)
YUV	133.3280, -37.1367, 104.9523
Hunter-Lab	53.0314, 58.1206, 29.1815

Details

The CIELCh color **60, 79.707, 39.338** 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 **83, 41.116, 219.297**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 54.041, 44.511**, and **40, 79.619, 39.399** is the 20% darker color. If you saturate the color by 10%, you get **57, 90.856, 40.876**, and if you desaturate by 10%, it is **64, 67.694, 37.748**.

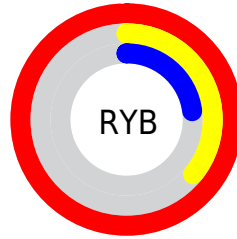
Distribution



Red (99%)

Green (34%)

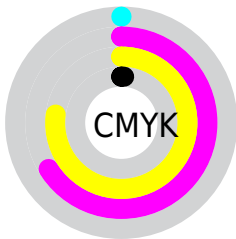
Blue (23%)



Red (99%)

Yellow (36%)

Blue (23%)

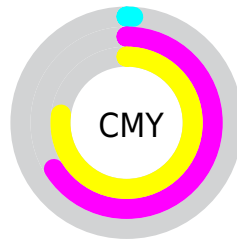


Cyan (0%)

Magenta (66%)

Yellow (77%)

Black (1%)



Cyan (1%)

Magenta (66%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 79.707, 39.338 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, 79.707, 39.338 by changing the saturation by 10% instead.

60, 79.707, 39.338

60, 79.707, 39.338

100, 79.707,
39.338

50, 79.707, 39.338

80, 79.707, 39.338

40, 79.707, 39.338

90, 79.707, 39.338

30, 79.707, 39.338

20, 79.707, 39.338

10, 79.707, 39.338

0, 79.707, 39.338

60, 79.707, 39.338

60, 79.707, 39.338

57, 90.856, 40.876

64, 67.694, 37.748

55, 99.239, 41.603

68, 55.742, 36.403

54, 101.213,
41.773

73, 44.266, 35.376

78, 33.464, 34.644

84, 23.416, 34.155

89, 14.134, 33.852

95, 5.583, 33.647

100, 0.574,
200.524

Harmonies

Complementary

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



60, 79.707, 39.338



83, 41.116, 219.297

Rectangle

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



60, 79.707, 39.338



60, 79.707, 89.338



60, 79.707, 219.338



60, 79.707, 269.338

Sweetspot

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



60, 79.704, 39.341



86, 19.712, 34.015



61, 96.794, 333.018



44, 13.854, 34.140



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, 79.704, 39.341



56, 96.045, 41.403



79, 70.644, 77.263



50, 4.603, 33.701



41, 81.544, 42.087



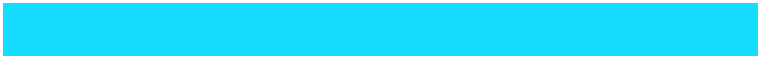
11, 30.723, 34.489

Inverse Universe

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



83, 41.116, 219.297



81, 43.226, 222.784



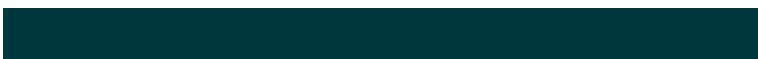
56, 70.832, 286.633



52, 4.328, 213.872



62, 35.111, 224.517



20, 16.238, 220.679

Previews

White Background



This preview shows how the CIELCh color 60, 79.707, 39.338 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, 79.707, 39.338 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, 79.707, 39.338

Background



This preview shows how black text looks on a background with the CIELCh color 60, 79.707, 39.338.



This preview shows how white text looks on a background with the CIELCh color 60, 79.707, 39.338.

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, 79.707, 39.338

Protanopia

60, 38.985, 95.714

Deuteranopia

60, 53.417, 82.120



Tritanopia
60, 73.095, 28.150

Trichromacy



Original Color
60, 79.707, 39.338

Protanomaly
58, 46.291, 61.597

Deuteranomaly
59, 58.562, 60.735

Tritanomaly
60, 75.393, 32.600

Monochromacy



Original Color
60, 79.707, 39.338

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 27.242, 35.307

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 79.707, 39.338 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(253, 87, 58)` looks like.

```
.text, #text, p{  
    color:rgb(253, 87, 58)  
}
```

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(253, 87, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 87, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 79.707, 39.338 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(253, 87, 58) }
```

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

```
.border{ border-color:rgb(253, 87, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 87, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 87, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 87, 58);  
box-shadow:4px 4px 4px 4px rgb(253, 87,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 79.707, 39.338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 87, 58) }
```

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

```
.background{ background-color: rgb(253, 87,  
58) }
```

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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