

Converting Colors

CIELCh(60, 67.259, 38.677)

Have a look what the booklet for
CIELCh(60, 67.259, 38.677) contains.

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Color

CIELCh(60, 67.244, 38.893)

Conversions

Conversions Part 1

Format	Color
Hex	F06449
RGB	240, 100, 73
RGB Percent	94%, 39%, 29%
CMY	0.0588, 0.6078, 0.7137
CMYK	0.00, 0.58, 0.70, 0.06
HSL	10°, 85%, 61%
HSV	10°, 70%, 94%
XYZ	41.6982, 28.1233, 9.5349
YIQ	138.7820, 92.1070, 21.2830

Conversions

Conversions Part 2

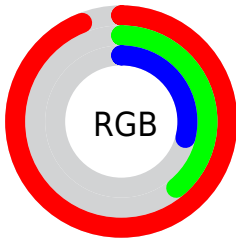
Format	Color
R_{YB}	240, 105, 73
Decimal	15754313
CIE _{Lab}	60.00, 52.34, 42.22
CIE _{LCh}	60, 67.244, 38.893
Yxy	28.1233, 0.5255, 0.3544
Android (android.graphics.Color)	4293944393 (0xFFFF06449)
YUV	138.7820, -32.4305, 88.7682
Hunter-Lab	53.0314, 47.5480, 26.4618

Details

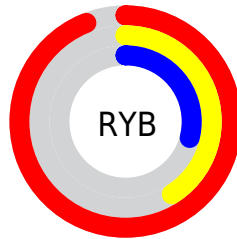
The CIELCh color **60, 67.244, 38.893** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed orange. A complement of this color would be **79, 37.541, 220.049**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 47.232, 43.682**, and **40, 67.146, 38.818** is the 20% darker color. If you saturate the color by 10%, you get **57, 78.633, 40.355**, and if you desaturate by 10%, it is **64, 55.784, 37.618**.

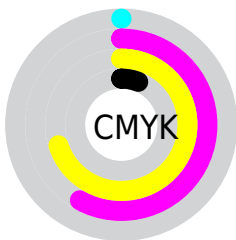
Distribution



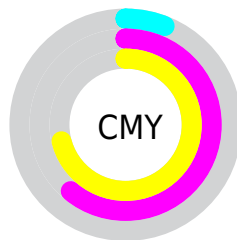
- Red (94%)
- Green (39%)
- Blue (29%)



- Red (94%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (70%)
- Black (6%)



- Cyan (6%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 67.244, 38.893 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, 67.244, 38.893 by changing the saturation by 10% instead.

60, 67.244, 38.893

60, 67.244, 38.893

100, 67.244,
38.893

50, 67.244, 38.893

80, 67.244, 38.893

40, 67.244, 38.893

90, 67.244, 38.893

30, 67.244, 38.893

20, 67.244, 38.893

10, 67.244, 38.893

0, 67.244, 38.893

60, 67.244, 38.893

60, 67.244, 38.893

57, 78.633, 40.355

64, 55.784, 37.618

54, 88.912, 41.608

69, 44.732, 36.630

52, 96.388, 42.076

73, 34.303, 35.926

52, 96.670, 42.109

79, 24.587, 35.465

84, 15.601, 35.194

89, 7.320, 35.044

95, 0.309, 217.188

99, 5.160, 199.207

Harmonies

Complementary

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



60, 67.244, 38.893



79, 37.541, 220.049

Rectangle

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



60, 67.244, 38.893



60, 67.244, 88.893



60, 67.244, 218.893



60, 67.244, 268.893

Sweetspot

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



60, 67.241, 38.896



88, 17.685, 35.224



60, 86.591, 333.234



45, 12.111, 35.289



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, 67.241, 38.896



59, 86.520, 40.876



77, 62.175, 80.046



47, 4.335, 35.043



40, 78.690, 42.448



9, 26.766, 32.835

Inverse Universe

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



79, 37.541, 220.049



81, 42.154, 222.934



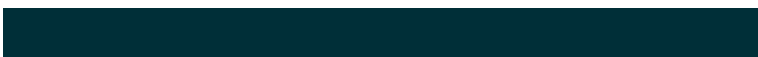
56, 62.408, 285.121



49, 4.079, 215.328



59, 34.019, 227.188



17, 14.905, 222.343

Previews

White Background



This preview shows how the CIELCh color 60, 67.244, 38.893 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, 67.244, 38.893 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, 67.244, 38.893

Background



This preview shows how black text looks on a background with the CIELCh color 60, 67.244, 38.893.



This preview shows how white text looks on a background with the CIELCh color 60, 67.244, 38.893.

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





Tritanopia
60, 61.909, 24.792

Trichromacy



Original Color
60, 67.244, 38.893

Protanomaly
59, 38.288, 62.346

Deuteranomaly
59, 49.225, 59.617

Tritanomaly
60, 63.760, 30.334

Monochromacy



Original Color
60, 67.244, 38.893

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 22.771, 35.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 67.244, 38.893 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(240, 100, 73)` looks like.

```
.text, #text, p{  
  color:rgb(240, 100, 73)  
}
```

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(240, 100, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 100, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 67.244, 38.893 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(240, 100, 73) }
```

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

```
.border{ border-color:rgb(240, 100, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 100, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 100, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 100, 73);  
box-shadow:4px 4px 4px 4px rgb(240, 100,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 67.244, 38.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 100, 73) }
```

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

```
.background{ background-color: rgb(240,  
100, 73) }
```

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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