

Converting Colors

CIELCh(60, 73.518, 41.861)

Have a look what the booklet for
CIELCh(60, 73.518, 41.861) contains.

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Color

CIELCh(60, 73.398, 42.042)

Conversions

Conversions Part 1

Format	Color
Hex	F4613C
RGB	244, 97, 60
RGB Percent	96%, 38%, 24%
CMY	0.0430, 0.6194, 0.7646
CMYK	0.00, 0.60, 0.75, 0.04
HSL	12°, 89%, 60%
HSV	12°, 75%, 96%
XYZ	42.4174, 28.1233, 7.4719
YIQ	136.7350, 99.4890, 19.6570

Conversions

Conversions Part 2

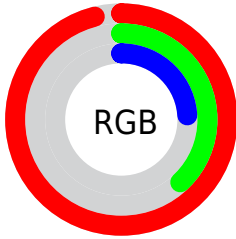
Format	Color
R_{YB}	244, 106, 60
Decimal	16015676
CIE _{Lab}	60.00, 54.51, 49.15
CIE _{LCh}	60, 73.398, 42.042
Yxy	28.1233, 0.5437, 0.3605
Android (android.graphics.Color)	4294205756 (0xFFFF4613C)
YUV	136.7350, -37.8304, 94.0714
Hunter-Lab	53.0314, 49.9690, 28.7683

Details

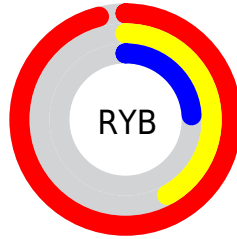
The CIELCh color **60, 73.398, 42.042** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **77, 39.143, 228.165**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 51.779, 47.977**, and **40, 73.191, 42.141** is the 20% darker color. If you saturate the color by 10%, you get **57, 84.409, 42.947**, and if you desaturate by 10%, it is **64, 61.868, 41.083**.

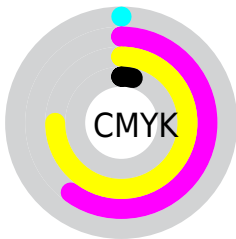
Distribution



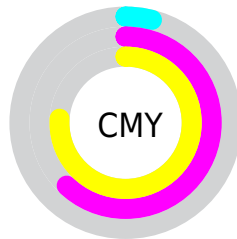
- Red (96%)
- Green (38%)
- Blue (24%)



- Red (96%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (60%)
- Yellow (75%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 73.398, 42.042 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, 73.398, 42.042 by changing the saturation by 10% instead.

60, 73.398, 42.042

60, 73.398, 42.042

100, 73.398,
42.042

50, 73.398, 42.042

80, 73.398, 42.042

40, 73.398, 42.042

90, 73.398, 42.042

30, 73.398, 42.042

20, 73.398, 42.042

10, 73.398, 42.042

0, 73.398, 42.042

60, 73.398, 42.042

60, 73.398, 42.042

57, 84.409, 42.947

64, 61.868, 41.083

54, 93.308, 43.184

68, 50.574, 40.300

53, 96.493, 43.121

73, 39.841, 39.754

77, 29.804, 39.432

83, 20.503, 39.297

88, 11.920, 39.302

93, 4.011, 39.341

99, 3.245, 217.664

99, 3.785, 199.340

Harmonies

Complementary

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



60, 73.398, 42.042



77, 39.143, 228.165

Rectangle

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



60, 73.398, 42.042



60, 73.398, 92.042



60, 73.398, 222.042



60, 73.398, 272.042

Sweetspot

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



60, 73.395, 42.045



87, 19.049, 39.288



59, 88.865, 335.896



45, 13.387, 39.306



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, 73.395, 42.045



58, 92.107, 43.199



80, 69.062, 83.304



48, 4.303, 39.340



41, 78.312, 43.525



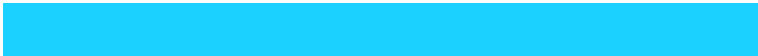
10, 27.458, 35.903

Inverse Universe

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



77, 39.143, 228.165



78, 43.069, 232.801



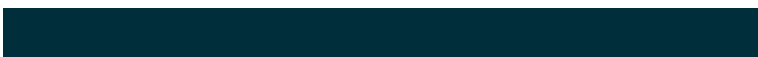
52, 74.544, 290.510



50, 4.055, 219.982



57, 34.705, 235.840



17, 15.294, 230.024

Previews

White Background



This preview shows how the CIELCh color 60, 73.398, 42.042 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, 73.398, 42.042 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, 73.398, 42.042

Background



This preview shows how black text looks on a background with the CIELCh color 60, 73.398, 42.042.



This preview shows how white text looks on a background with the CIELCh color 60, 73.398, 42.042.

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, 73.398, 42.042

Protanopia

60, 38.985, 95.714

Deuteranopia

60, 51.809, 81.657



Tritanopia
60, 65.798, 25.694

Trichromacy



Original Color
60, 73.398, 42.042

Protanomaly
59, 44.847, 65.483

Deuteranomaly
59, 55.841, 62.320

Tritanomaly
60, 67.825, 32.388

Monochromacy



Original Color
60, 73.398, 42.042

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 24.874, 38.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 73.398, 42.042 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(244, 97, 60)` looks like.

```
.text, #text, p{  
    color:rgb(244, 97, 60)  
}
```

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(244, 97, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 97, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 73.398, 42.042 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(244, 97, 60) }
```

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

```
.border{ border-color:rgb(244, 97, 60) }
```

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

Here you see how a box with a 4 pixel rgb(244, 97, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 97, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 97, 60);  
box-shadow:4px 4px 4px 4px rgb(244, 97,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 73.398, 42.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 97, 60) }
```

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

```
.background{ background-color: rgb(244, 97,  
60) }
```

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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