

Converting Colors

CIELCh(60, 73.659, 42.524)

Have a look what the booklet for
CIELCh(60, 73.659, 42.524) contains.

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Color

CIELCh(60, 73.699, 42.345)

Conversions

Conversions Part 1

Format	Color
Hex	F4613B
RGB	244, 97, 59
RGB Percent	96%, 38%, 23%
CMY	0.0429, 0.6193, 0.7684
CMYK	0.00, 0.60, 0.76, 0.04
HSL	12°, 89%, 59%
HSV	12°, 76%, 96%
XYZ	42.4047, 28.1233, 7.3385
YIQ	136.6210, 99.8100, 19.3460

Conversions

Conversions Part 2

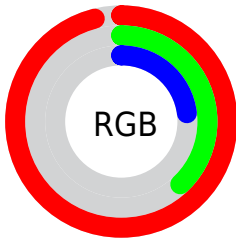
Format	Color
R _Y B	244, 107, 59
Decimal	16015675
CIE Lab	60.00, 54.47, 49.64
CIE LCh	60, 73.699, 42.345
Yxy	28.1233, 0.5446, 0.3612
Android (android.graphics.Color)	4294205755 (0xFFFF4613B)
YUV	136.6210, -38.2672, 94.1714
Hunter-Lab	53.0314, 49.9261, 28.9175

Details

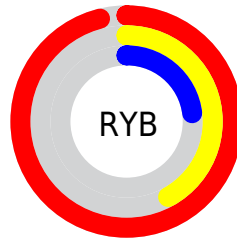
The CIELCh color **60, 73.699, 42.345** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **77, 39.242, 229.052**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 52.109, 48.413**, and **40, 73.599, 42.518** is the 20% darker color. If you saturate the color by 10%, you get **57, 84.652, 43.183**, and if you desaturate by 10%, it is **64, 62.188, 41.431**.

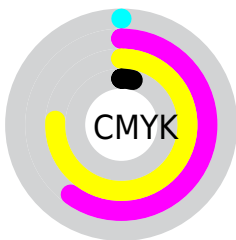
Distribution



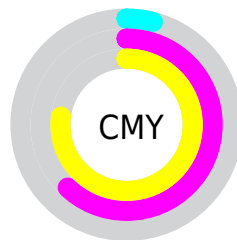
- Red (96%)
- Green (38%)
- Blue (23%)



- Red (96%)
- Yellow (42%)
- Blue (23%)



- Cyan (0%)
- Magenta (60%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 73.699, 42.345 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, 73.699, 42.345 by changing the saturation by 10% instead.

 60, 73.699, 42.345

 60, 73.699, 42.345

 100, 73.699,
42.345

 50, 73.699, 42.345

 80, 73.699, 42.345

 40, 73.699, 42.345

 90, 73.699, 42.345

 30, 73.699, 42.345

 20, 73.699, 42.345

 10, 73.699, 42.345

 0, 73.699, 42.345

 60, 73.699, 42.345

 60, 73.699, 42.345

 57, 84.652, 43.183

 64, 62.188, 41.431

 54, 93.420, 43.318

 68, 50.898, 40.680

54, 96.331, 43.249

73, 40.162, 40.160

77, 30.121, 39.861

82, 20.814, 39.746

88, 12.224, 39.770

93, 4.307, 39.836

99, 2.997, 220.441

99, 3.775, 199.341

Harmonies

Complementary

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



60, 73.699, 42.345



77, 39.242, 229.052

Rectangle

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



60, 73.699, 42.345



60, 73.699, 92.345



60, 73.699, 222.345



60, 73.699, 272.345

Sweetspot

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



60, 73.696, 42.348



87, 19.001, 39.740



59, 89.117, 335.931



45, 13.353, 39.749



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, 73.696, 42.348



58, 92.842, 43.400



79, 69.362, 83.236



48, 4.293, 39.823



41, 78.169, 43.660



10, 27.395, 36.164

Inverse Universe

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



77, 39.242, 229.052



77, 43.251, 234.055



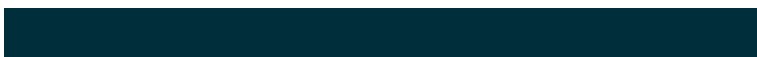
51, 74.991, 290.648



50, 4.046, 220.505



57, 34.786, 236.782



17, 15.305, 230.845

Previews

White Background



This preview shows how the CIELCh color 60, 73.699, 42.345 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, 73.699, 42.345 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, 73.699, 42.345

Background



This preview shows how black text looks on a background with the CIELCh color 60, 73.699, 42.345.



This preview shows how white text looks on a background with the CIELCh color 60, 73.699, 42.345.

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, 65.798, 25.694

Trichromacy



Original Color
60, 73.699, 42.345

Protanomaly
59, 45.275, 65.824

Deuteranomaly
59, 56.221, 62.577

Tritanomaly
60, 67.825, 32.388

Monochromacy



Original Color
60, 73.699, 42.345

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, 73.699, 42.345 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, 59)` looks like.

```
.text, #text, p{  
    color:rgb(244, 97, 59)  
}
```

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, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 97, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 73.699, 42.345 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, 59) }
```

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

```
.border{ border-color:rgb(244, 97, 59) }
```

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, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 97, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 97, 59);  
box-shadow:4px 4px 4px 4px rgb(244, 97,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 73.699, 42.345 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, 59) }
```

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

```
.background{ background-color: rgb(244, 97,  
59) }
```

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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