

Converting Colors

CIELCh(63, 64.385, 44.932)

Have a look what the booklet for
CIELCh(63, 64.385, 44.932) contains.

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Color

CIELCh(63, 64.476, 44.939)

Conversions

Conversions Part 1

Format	Color
Hex	F17349
RGB	241, 115, 73
RGB Percent	95%, 45%, 29%
CMY	0.0534, 0.5477, 0.7126
CMYK	0.00, 0.52, 0.70, 0.05
HSL	15°, 86%, 62%
HSV	15°, 70%, 95%
XYZ	43.7845, 31.5869, 10.1432
YIQ	147.8860, 88.5780, 13.6500

Conversions

Conversions Part 2

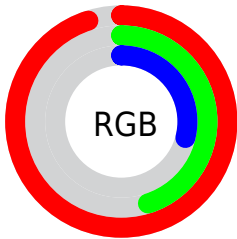
Format	Color
R _Y B	241, 129, 73
Decimal	15823689
CIE Lab	63.00, 45.64, 45.54
CIE LCh	63, 64.476, 44.939
Yxy	31.5869, 0.5120, 0.3694
Android (android.graphics.Color)	4294013769 (0xFFFF17349)
YUV	147.8860, -36.9188, 81.6610
Hunter-Lab	56.2022, 40.7071, 28.6411

Details

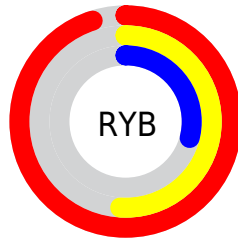
The CIELCh color **63, 64.476, 44.939** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **75, 37.571, 235.152**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 45.413, 53.710**, and **43, 64.778, 44.925** is the 20% darker color. If you saturate the color by 10%, you get **60, 75.584, 45.356**, and if you desaturate by 10%, it is **67, 53.387, 44.561**.

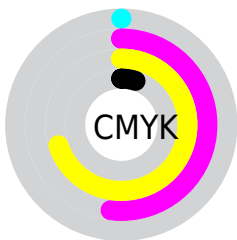
Distribution



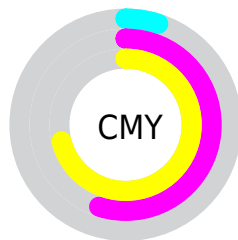
- Red (95%)
- Green (45%)
- Blue (29%)



- Red (95%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (52%)
- Yellow (70%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 64.476, 44.939 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 63, 64.476, 44.939 by changing the saturation by 10% instead.

 63, 64.476, 44.939

 63, 64.476, 44.939

 100, 64.476,
44.939

 53, 64.476, 44.939

 83, 64.476, 44.939

 43, 64.476, 44.939

 93, 64.476, 44.939

 33, 64.476, 44.939

 23, 64.476, 44.939

 13, 64.476, 44.939

 3, 64.476, 44.939

 0, 64.476, 44.939

 63, 64.476, 44.939

 63, 64.476, 44.939

 60, 75.584, 45.356

 67, 53.387, 44.561

57, 85.707, 45.454

71, 42.768, 44.335

54, 93.355, 44.785

76, 32.799, 44.284

54, 93.616, 44.772

80, 23.534, 44.392

85, 14.965, 44.625

90, 7.053, 44.931

95, 0.260, 227.781

99, 4.694, 199.249

Harmonies

Complementary

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



63, 64.476, 44.939



75, 37.571, 235.152

Rectangle

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



63, 64.476, 44.939



63, 64.476, 94.939



63, 64.476, 224.939



63, 64.476, 274.939

Sweetspot

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



63, 64.474, 44.942



89, 16.831, 44.585



60, 81.421, 337.769



46, 11.522, 44.514



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 64.474, 44.942



61, 83.883, 45.475



82, 65.849, 88.203



47, 4.133, 44.936



41, 75.778, 45.266



10, 25.492, 38.365

Inverse Universe

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



75, 37.571, 235.152



76, 43.080, 240.160



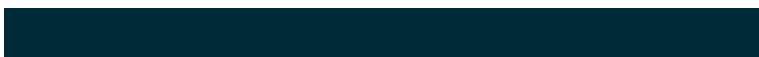
52, 72.808, 291.554



49, 3.908, 226.020



54, 35.746, 246.240



15, 15.122, 238.879

Previews

White Background



This preview shows how the CIELCh color 63, 64.476, 44.939 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 63, 64.476, 44.939 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 64.476, 44.939

Background



This preview shows how black text looks on a background with the CIELCh color 63, 64.476, 44.939.



This preview shows how white text looks on a background with the CIELCh color 63, 64.476, 44.939.

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](#).

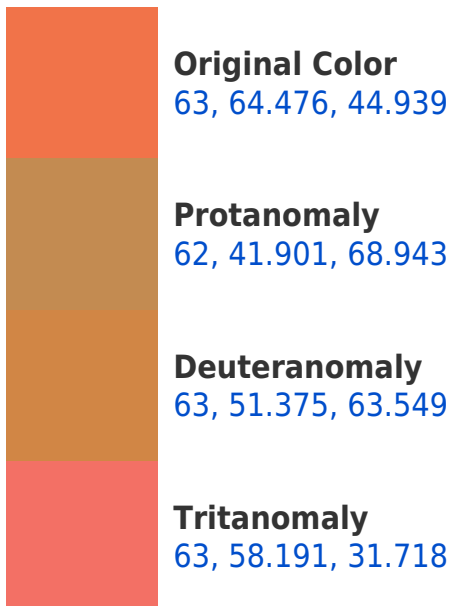
Dichromacy



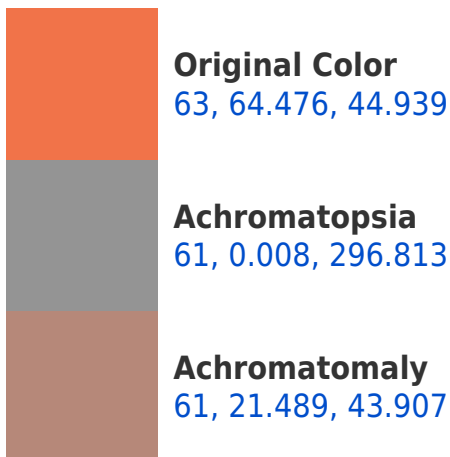


Tritanopia
63, 56.354, 22.617

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 64.476, 44.939 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(241, 115, 73)` looks like.

```
.text, #text, p{  
    color:rgb(241, 115, 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(241, 115, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 115, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 64.476, 44.939 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(241, 115, 73) }
```

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

```
.border{ border-color:rgb(241, 115, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 115, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 115, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 115, 73);  
box-shadow:4px 4px 4px 4px rgb(241, 115,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 64.476, 44.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 115, 73) }
```

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

```
.background{ background-color: rgb(241,  
115, 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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