

Converting Colors

CIELCh(63, 59.481, 38.377)

Have a look what the booklet for
CIELCh(63, 59.481, 38.377) contains.

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Color

CIELCh(63, 59.623, 38.689)

Conversions

Conversions Part 1

Format	Color
Hex	F17359
RGB	241, 115, 89
RGB Percent	95%, 45%, 35%
CMY	0.0559, 0.5498, 0.6517
CMYK	0.00, 0.52, 0.63, 0.06
HSL	10°, 84%, 65%
HSV	10°, 63%, 94%
XYZ	44.0910, 31.5869, 13.1809
YIQ	149.7100, 83.4420, 18.6260

Conversions

Conversions Part 2

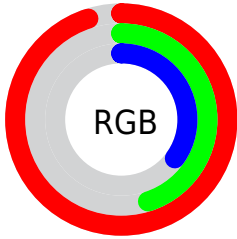
Format	Color
R _Y B	241, 120, 89
Decimal	15823705
CIE Lab	63.00, 46.54, 37.27
CIE LCh	63, 59.623, 38.689
Yxy	31.5869, 0.4962, 0.3555
Android (android.graphics.Color)	4294013785 (0xFFFF17359)
YUV	149.7100, -29.9300, 80.0613
Hunter-Lab	56.2022, 41.6804, 25.4365

Details

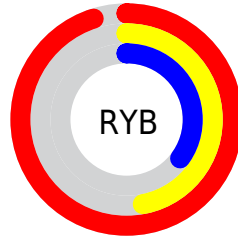
The CIELCh color **63, 59.623, 38.689** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **80, 35.593, 220.469**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 39.719, 45.328**, and **43, 59.588, 38.833** is the 20% darker color. If you saturate the color by 10%, you get **59, 71.128, 39.953**, and if you desaturate by 10%, it is **67, 48.407, 37.685**.

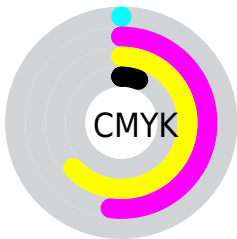
Distribution



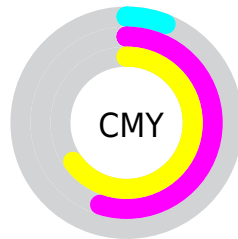
- Red (95%)
- Green (45%)
- Blue (35%)



- Red (95%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (52%)
- Yellow (63%)
- Black (6%)



- Cyan (6%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 59.623, 38.689 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, 59.623, 38.689 by changing the saturation by 10% instead.

63, 59.623, 38.689

63, 59.623, 38.689

100, 59.623,
38.689

53, 59.623, 38.689

83, 59.623, 38.689

43, 59.623, 38.689

93, 59.623, 38.689

33, 59.623, 38.689

23, 59.623, 38.689

13, 59.623, 38.689

3, 59.623, 38.689

0, 59.623, 38.689

63, 59.623, 38.689

63, 59.623, 38.689

59, 71.128, 39.953

67, 48.407, 37.685

56, 82.310, 41.286

72, 37.769, 36.957

53, 91.790, 42.160

77, 27.829, 36.478

52, 96.588, 42.327

82, 18.621, 36.201

88, 10.129, 36.069

93, 2.306, 35.877

99, 4.736, 202.380

99, 4.908, 199.229

Harmonies

Complementary

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



63, 59.623, 38.689



80, 35.593, 220.469

Rectangle

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



63, 59.623, 38.689



63, 59.623, 88.689



63, 59.623, 218.689



63, 59.623, 268.689

Sweetspot

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



63, 59.621, 38.692



89, 15.766, 36.134



62, 80.267, 333.484



46, 10.983, 36.179



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, 59.621, 38.692



61, 78.022, 40.377



80, 57.277, 82.493



47, 4.307, 36.038



40, 78.422, 42.686



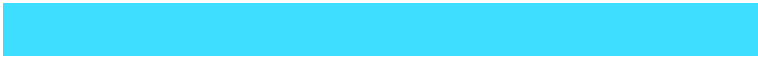
9, 26.626, 33.365

Inverse Universe

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



80, 35.593, 220.469



82, 40.802, 222.978



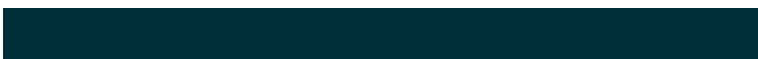
59, 57.801, 284.199



49, 4.054, 216.407



58, 34.032, 229.217



17, 14.875, 224.061

Previews

White Background



This preview shows how the CIELCh color 63, 59.623, 38.689 looks on a white background.

Color Contrast Check

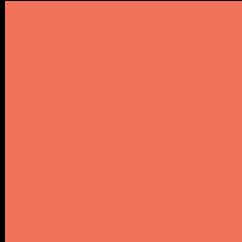
Large Text (above 18pt) WCAG AA × Fail

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, 59.623, 38.689 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, 59.623, 38.689

Background



This preview shows how black text looks on a background with the CIELCh color 63, 59.623, 38.689.

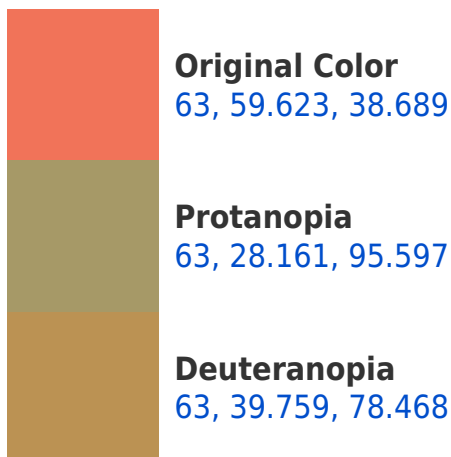


This preview shows how white text looks on a background with the CIELCh color 63, 59.623, 38.689.

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, 55.073, 22.328

Trichromacy



Original Color
63, 59.623, 38.689

Protanomaly
62, 33.845, 62.369

Deuteranomaly
63, 44.146, 59.232

Tritanomaly
63, 56.524, 28.687

Monochromacy



Original Color
63, 59.623, 38.689

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 19.803, 37.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 59.623, 38.689 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, 89)` looks like.

```
.text, #text, p{  
    color:rgb(241, 115, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 115, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 59.623, 38.689 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, 89) }
```

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

```
.border{ border-color:rgb(241, 115, 89) }
```

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, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 115, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 115, 89);  
box-shadow:4px 4px 4px 4px rgb(241, 115,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 59.623, 38.689 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, 89) }
```

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

```
.background{ background-color: rgb(241,  
115, 89) }
```

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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