

Converting Colors

CIELCh(59, 64.361, 38.727)

Have a look what the booklet for
CIELCh(59, 64.361, 38.727) contains.

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Color

CIELCh(59, 64.465, 38.764)

Conversions

Conversions Part 1

Format	Color
Hex	EA644A
RGB	234, 100, 74
RGB Percent	92%, 39%, 29%
CMY	0.0832, 0.6085, 0.7104
CMYK	0.00, 0.57, 0.68, 0.08
HSL	10°, 79%, 60%
HSV	10°, 68%, 92%
XYZ	39.6318, 27.0277, 9.5781
YIQ	137.1020, 88.2100, 20.3220

Conversions

Conversions Part 2

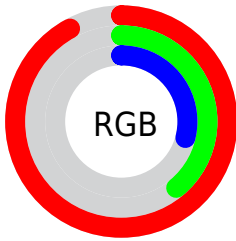
Format	Color
RYB	234, 105, 74
Decimal	15361098
CIELab	59.00, 50.27, 40.36
CIElCh	59, 64.465, 38.764
Yxy	27.0277, 0.5198, 0.3545
Android (android.graphics.Color)	4293551178 (0xFFEA644A)
YUV	137.1020, -31.1093, 84.9795
Hunter-Lab	51.9882, 45.0953, 25.4685

Details

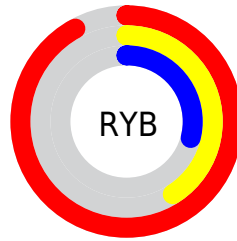
The CIELCh color **59, 64.465, 38.764** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **78, 36.460, 219.948**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 46.940, 43.154**, and **39, 64.620, 38.769** is the 20% darker color. If you saturate the color by 10%, you get **56, 75.662, 40.205**, and if you desaturate by 10%, it is **63, 53.281, 37.533**.

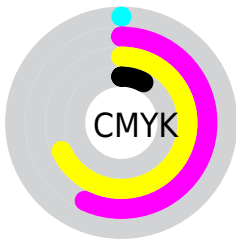
Distribution



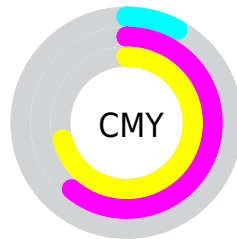
- Red (92%)
- Green (39%)
- Blue (29%)



- Red (92%)
- Yellow (41%)
- Blue (29%)



- Cyan (0%)
- Magenta (57%)
- Yellow (68%)
- Black (8%)



- Cyan (8%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 64.465, 38.764 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 59, 64.465, 38.764 by changing the saturation by 10% instead.

59, 64.465, 38.764

59, 64.465, 38.764

100, 64.465,
38.764

49, 64.465, 38.764

79, 64.465, 38.764

39, 64.465, 38.764

89, 64.465, 38.764

29, 64.465, 38.764

99, 64.465, 38.764

19, 64.465, 38.764

9, 64.465, 38.764

0, 64.465, 38.764

59, 64.465, 38.764

59, 64.465, 38.764

56, 75.662, 40.205

63, 53.281, 37.533

53, 85.956, 41.511

67, 42.533, 36.589

51, 93.644, 42.036

72, 32.411, 35.924

51, 94.709, 42.154

77, 22.991, 35.494

83, 14.284, 35.246

88, 6.260, 35.106

93, 1.133, 215.778

99, 7.258, 199.037

Harmonies

Complementary

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



59, 64.465, 38.764



78, 36.460, 219.948

Rectangle

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



59, 64.465, 38.764



59, 64.465, 88.764



59, 64.465, 218.764



59, 64.465, 268.764

Sweetspot

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



59, 64.462, 38.767



88, 17.676, 35.298



59, 83.891, 333.152



45, 12.105, 35.362



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 64.462, 38.767



59, 85.368, 40.772



76, 59.919, 80.253



46, 4.256, 35.120



39, 77.833, 42.487



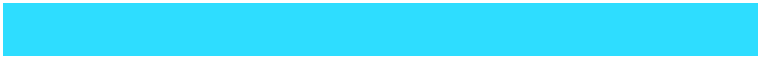
9, 25.485, 31.930

Inverse Universe

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



78, 36.460, 219.948



82, 41.997, 222.826



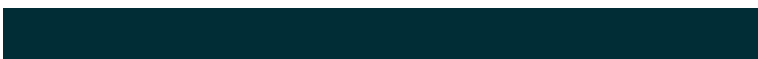
55, 59.992, 284.689



48, 4.005, 215.412



58, 33.667, 227.312



16, 14.473, 222.195

Previews

White Background



This preview shows how the CIELCh color 59, 64.465, 38.764 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 59, 64.465, 38.764 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 59, 64.465, 38.764

Background



This preview shows how black text looks on a background with the CIELCh color 59, 64.465, 38.764.



This preview shows how white text looks on a background with the CIELCh color 59, 64.465, 38.764.

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

59, 64.465, 38.764

Protanopia

59, 30.107, 95.672

Deuteranopia

59, 42.840, 79.982



Tritanopia
59, 59.486, 24.357

Trichromacy



Original Color
59, 64.465, 38.764

Protanomaly
58, 36.871, 62.211

Deuteranomaly
58, 47.406, 59.823

Tritanomaly
59, 61.067, 29.698

Monochromacy



Original Color
59, 64.465, 38.764

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 21.786, 34.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 64.465, 38.764 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(234, 100, 74)` looks like.

```
.text, #text, p{  
    color:rgb(234, 100, 74)  
}
```

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(234, 100, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 100, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 64.465, 38.764 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(234, 100, 74) }
```

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

```
.border{ border-color:rgb(234, 100, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 100, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 100, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 100, 74);  
box-shadow:4px 4px 4px 4px rgb(234, 100,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 64.465, 38.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 100, 74) }
```

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

```
.background{ background-color: rgb(234,  
100, 74) }
```

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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