

Converting Colors

CIELCh(59, 65.658, 38.002)

Have a look what the booklet for
CIELCh(59, 65.658, 38.002) contains.

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Color

CIELCh(59, 65.763, 37.904)

Conversions

Conversions Part 1

Format	Color
Hex	EC624A
RGB	236, 98, 74
RGB Percent	93%, 38%, 29%
CMY	0.0749, 0.6160, 0.7101
CMYK	0.00, 0.58, 0.69, 0.07
HSL	9°, 81%, 61%
HSV	9°, 69%, 93%
XYZ	40.1511, 27.0277, 9.5656
YIQ	136.5260, 89.9520, 21.7920

Conversions

Conversions Part 2

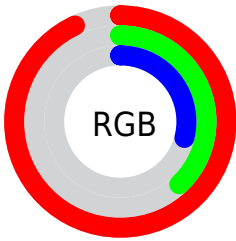
Format	Color
R _Y B	236, 102, 74
Decimal	15491658
CIE Lab	59.00, 51.89, 40.40
CIE LCh	59, 65.763, 37.904
Yxy	27.0277, 0.5232, 0.3522
Android (android.graphics.Color)	4293681738 (0xFFEC624A)
YUV	136.5260, -30.8253, 87.2387
Hunter-Lab	51.9882, 46.8782, 25.4826

Details

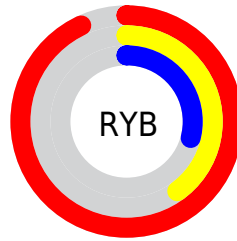
The CIELCh color **59, 65.763, 37.904** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **79, 37.025, 217.661**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 47.322, 41.805**, and **39, 65.636, 37.950** is the 20% darker color. If you saturate the color by 10%, you get **56, 77.052, 39.522**, and if you desaturate by 10%, it is **63, 54.439, 36.517**.

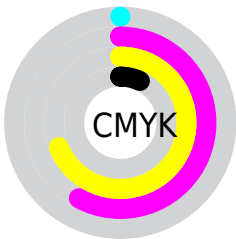
Distribution



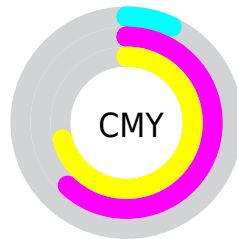
- Red (93%)
- Green (38%)
- Blue (29%)



- Red (93%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (69%)
- Black (7%)



- Cyan (7%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 65.763, 37.904 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, 65.763, 37.904 by changing the saturation by 10% instead.

59, 65.763, 37.904

59, 65.763, 37.904

100, 65.763,
37.904

49, 65.763, 37.904

79, 65.763, 37.904

39, 65.763, 37.904

89, 65.763, 37.904

29, 65.763, 37.904

99, 65.763, 37.904

19, 65.763, 37.904

9, 65.763, 37.904

0, 65.763, 37.904

59, 65.763, 37.904

59, 65.763, 37.904

56, 77.052, 39.522

63, 54.439, 36.517

53, 87.356, 41.009

68, 43.524, 35.441

51, 94.934, 41.701

72, 33.222, 34.665

51, 95.818, 41.825

78, 23.624, 34.139

83, 14.747, 33.808

89, 6.564, 33.597

94, 0.974, 214.294

99, 6.549, 199.092

Harmonies

Complementary

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



59, 65.763, 37.904



79, 37.025, 217.661

Rectangle

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



59, 65.763, 37.904



59, 65.763, 87.904



59, 65.763, 217.904



59, 65.763, 267.904

Sweetspot

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



59, 65.760, 37.907



88, 17.857, 33.874



60, 85.648, 332.494



45, 12.228, 33.960



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, 65.760, 37.907



59, 85.960, 40.117



76, 60.139, 78.758



46, 4.300, 33.613



39, 78.222, 42.143



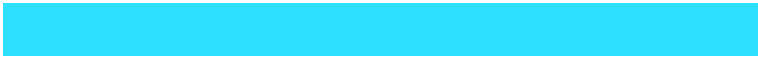
9, 25.712, 31.074

Inverse Universe

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



79, 37.025, 217.661



82, 42.197, 220.184



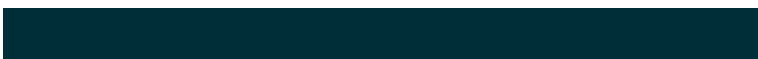
56, 59.126, 283.535



48, 4.045, 213.778



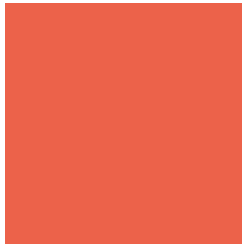
59, 33.717, 224.216



16, 14.542, 219.610

Previews

White Background



This preview shows how the CIELCh color 59, 65.763, 37.904 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, 65.763, 37.904 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, 65.763, 37.904

Background



This preview shows how black text looks on a background with the CIELCh color 59, 65.763, 37.904.



This preview shows how white text looks on a background with the CIELCh color 59, 65.763, 37.904.

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
59, 61.245, 24.784

Trichromacy



Original Color
59, 65.763, 37.904

Protanomaly
58, 36.446, 60.705

Deuteranomaly
58, 47.822, 58.771

Tritanomaly
59, 62.672, 29.479

Monochromacy



Original Color
59, 65.763, 37.904

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 22.256, 34.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 65.763, 37.904 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(236, 98, 74)` looks like.

```
.text, #text, p{  
    color:rgb(236, 98, 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(236, 98, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 98, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 65.763, 37.904 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(236, 98, 74) }
```

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

```
.border{ border-color:rgb(236, 98, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 98, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 98, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 98, 74);  
box-shadow:4px 4px 4px 4px rgb(236, 98,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 65.763, 37.904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 98, 74) }
```

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

```
.background{ background-color: rgb(236, 98,  
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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