

Converting Colors

CIELCh(60, 65.279, 37.780)

Have a look what the booklet for
CIELCh(60, 65.279, 37.780) contains.

CIELCh(60, 65.456, 37.780)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 65.456, 37.780)

Conversions

Conversions Part 1

Format	Color
Hex	EF654D
RGB	239, 101, 77
RGB Percent	94%, 40%, 30%
CMY	0.0635, 0.6046, 0.6986
CMYK	0.00, 0.58, 0.68, 0.06
HSL	9°, 83%, 62%
HSV	9°, 68%, 94%
XYZ	41.5000, 28.1233, 10.2341
YIQ	139.5260, 89.9520, 21.7920

Conversions

Conversions Part 2

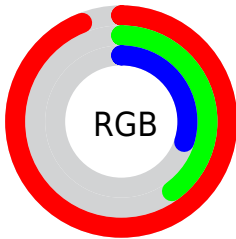
Format	Color
R _Y B	239, 105, 77
Decimal	15689037
CIE Lab	60.00, 51.73, 40.10
CIE LCh	60, 65.456, 37.780
Yxy	28.1233, 0.5197, 0.3522
Android (android.graphics.Color)	4293879117 (0xFFEF654D)
YUV	139.5260, -30.8253, 87.2387
Hunter-Lab	53.0314, 46.8809, 25.6801

Details

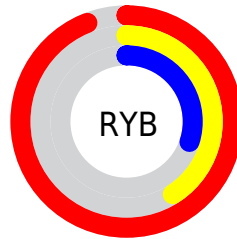
The CIELCh color **60, 65.456, 37.780** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **80, 37.152, 217.533**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 45.894, 42.219**, and **40, 65.375, 37.652** is the 20% darker color. If you saturate the color by 10%, you get **56, 76.886, 39.390**, and if you desaturate by 10%, it is **64, 54.040, 36.416**.

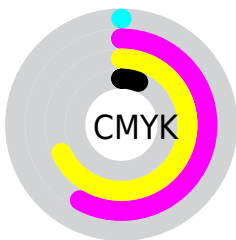
Distribution



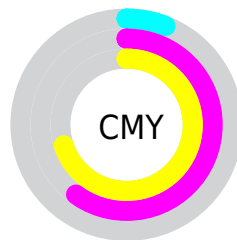
- Red (94%)
- Green (40%)
- Blue (30%)



- Red (94%)
- Yellow (41%)
- Blue (30%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (6%)



- Cyan (6%)
- Magenta (60%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 65.456, 37.780 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, 65.456, 37.780 by changing the saturation by 10% instead.

 60, 65.456, 37.780

 60, 65.456, 37.780

 100, 65.456,
37.780

 50, 65.456, 37.780

 80, 65.456, 37.780

 40, 65.456, 37.780

 90, 65.456, 37.780

 30, 65.456, 37.780

 20, 65.456, 37.780

 10, 65.456, 37.780

 0, 65.456, 37.780

 60, 65.456, 37.780

 60, 65.456, 37.780

 56, 76.886, 39.390

 64, 54.040, 36.416

 54, 87.427, 40.911

 69, 43.060, 35.364

52, 95.288, 41.634

74, 32.712, 34.609

51, 96.726, 41.812

79, 23.077, 34.102

84, 14.170, 33.783

90, 5.962, 33.575

96, 1.599, 214.043

99, 5.570, 199.171

Harmonies

Complementary

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



60, 65.456, 37.780



80, 37.152, 217.533

Rectangle

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



60, 65.456, 37.780



60, 65.456, 87.780



60, 65.456, 217.780



60, 65.456, 267.780

Sweetspot

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



60, 65.453, 37.783



88, 16.935, 33.842



60, 85.779, 332.446



45, 11.692, 33.925



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, 65.453, 37.783



59, 84.825, 39.956



77, 60.024, 78.889



47, 4.377, 33.609



39, 79.062, 42.122



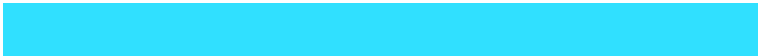
9, 26.977, 32.060

Inverse Universe

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



80, 37.152, 217.533



83, 42.045, 219.961



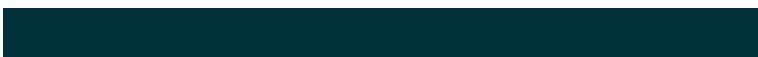
58, 58.940, 283.261



49, 4.117, 213.774



59, 34.068, 224.239



17, 14.972, 219.856

Previews

White Background



This preview shows how the CIELCh color 60, 65.456, 37.780 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, 65.456, 37.780 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, 65.456, 37.780

Background



This preview shows how black text looks on a background with the CIELCh color 60, 65.456, 37.780.



This preview shows how white text looks on a background with the CIELCh color 60, 65.456, 37.780.

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

60, 65.456, 37.780

Protanopia

60, 29.476, 95.642

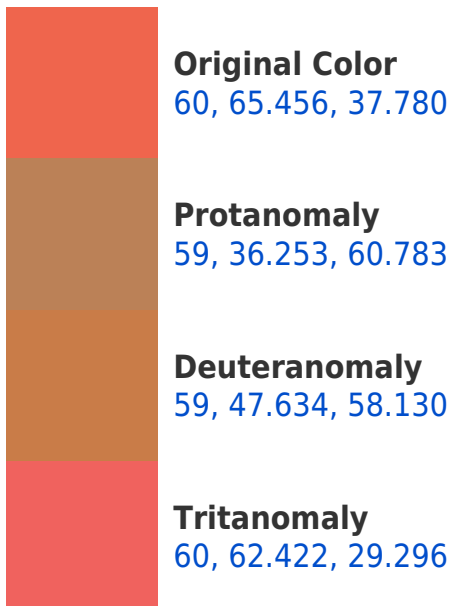
Deuteranopia

60, 42.973, 79.539



Tritanopia
60, 60.871, 24.083

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 65.456, 37.780 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(239, 101, 77)` looks like.

```
.text, #text, p{  
    color:rgb(239, 101, 77)  
}
```

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(239, 101, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 101, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 65.456, 37.780 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(239, 101, 77) }
```

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

```
.border{ border-color:rgb(239, 101, 77) }
```

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

Here you see how a box with a 4 pixel rgb(239, 101, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 101, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 101, 77);  
box-shadow:4px 4px 4px 4px rgb(239, 101,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 65.456, 37.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 101, 77) }
```

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

```
.background{ background-color: rgb(239,  
101, 77) }
```

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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