

Converting Colors

CIELCh(60, 56.950, 37.574)

Have a look what the booklet for
CIELCh(60, 56.950, 37.574) contains.

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Color

CIELCh(60, 57.075, 37.385)

Conversions

Conversions Part 1

Format	Color
Hex	E56C56
RGB	229, 108, 86
RGB Percent	90%, 42%, 34%
CMY	0.1012, 0.5758, 0.6622
CMYK	0.00, 0.53, 0.62, 0.10
HSL	9°, 73%, 62%
HSV	9°, 62%, 90%
XYZ	39.4397, 28.1233, 12.1853
YIQ	141.6710, 79.1780, 18.8100

Conversions

Conversions Part 2

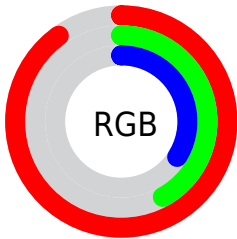
Format	Color
R_{YB}	229, 112, 86
Decimal	15035478
CIE _{Lab}	60.00, 45.35, 34.65
CIE _{LCh}	60, 57.075, 37.385
Yxy	28.1233, 0.4946, 0.3527
Android (android.graphics.Color)	4293225558 (0xFFE56C56)
YUV	141.6710, -27.4458, 76.5875
Hunter-Lab	53.0314, 39.9460, 23.4987

Details

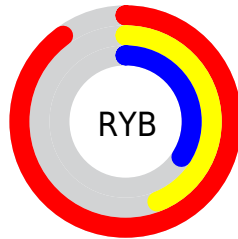
The CIELCh color **60, 57.075, 37.385** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **77, 34.282, 217.657**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 42.252, 41.374**, and **40, 57.121, 37.201** is the 20% darker color. If you saturate the color by 10%, you get **56, 68.174, 38.814**, and if you desaturate by 10%, it is **64, 46.259, 36.251**.

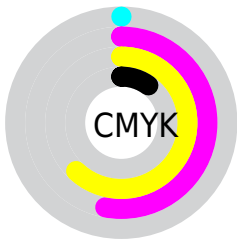
Distribution



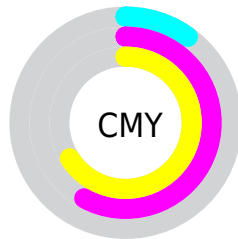
- Red (90%)
- Green (42%)
- Blue (34%)



- Red (90%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (53%)
- Yellow (62%)
- Black (10%)



- Cyan (10%)
- Magenta (58%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 57.075, 37.385 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, 57.075, 37.385 by changing the saturation by 10% instead.

60, 57.075, 37.385

60, 57.075, 37.385

100, 57.075,
37.385

50, 57.075, 37.385

80, 57.075, 37.385

40, 57.075, 37.385

90, 57.075, 37.385

30, 57.075, 37.385

20, 57.075, 37.385

10, 57.075, 37.385

0, 57.075, 37.385

60, 57.075, 37.385

60, 57.075, 37.385

56, 68.174, 38.814

64, 46.259, 36.251

53, 79.003, 40.368

69, 35.993, 35.416

51, 88.323, 41.550

74, 26.395, 34.843

49, 93.538, 41.982

79, 17.499, 34.481

84, 9.292, 34.268

90, 1.731, 33.928

95, 5.241, 214.440

98, 8.790, 198.925

Harmonies

Complementary

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



60, 57.075, 37.385



77, 34.282, 217.657

Rectangle

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



60, 57.075, 37.385



60, 57.075, 87.385



60, 57.075, 217.385



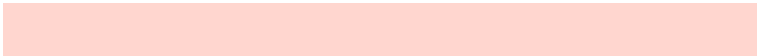
60, 57.075, 267.385

Sweetspot

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



60, 57.073, 37.388



89, 15.953, 34.398



60, 77.404, 332.757



46, 11.113, 34.469



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, 57.073, 37.388



61, 77.531, 39.285



76, 53.966, 81.213



45, 4.205, 34.219



38, 77.227, 42.299



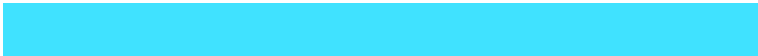
8, 24.348, 30.330

Inverse Universe

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



77, 34.282, 217.657



83, 40.822, 219.777



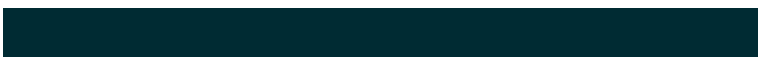
57, 53.534, 282.700



47, 3.957, 214.436



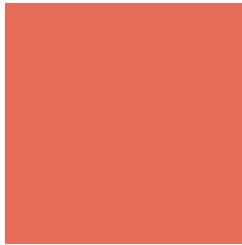
57, 33.334, 225.431



15, 14.079, 220.367

Previews

White Background



This preview shows how the CIELCh color 60, 57.075, 37.385 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, 57.075, 37.385 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, 57.075, 37.385

Background



This preview shows how black text looks on a background with the CIELCh color 60, 57.075, 37.385.



This preview shows how white text looks on a background with the CIELCh color 60, 57.075, 37.385.

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, 57.075, 37.385

Protanopia

60, 25.644, 95.545

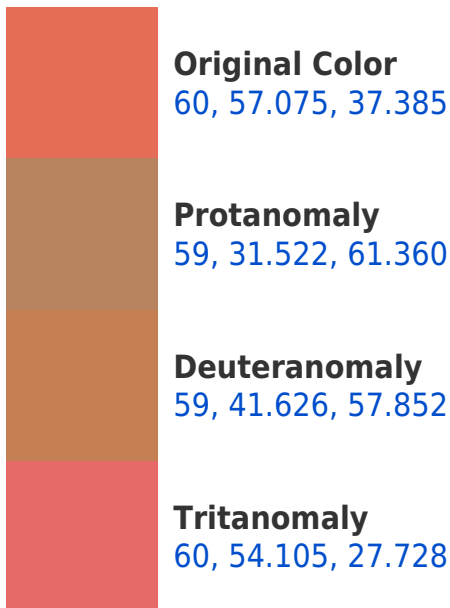
Deuteranopia

60, 37.284, 77.910

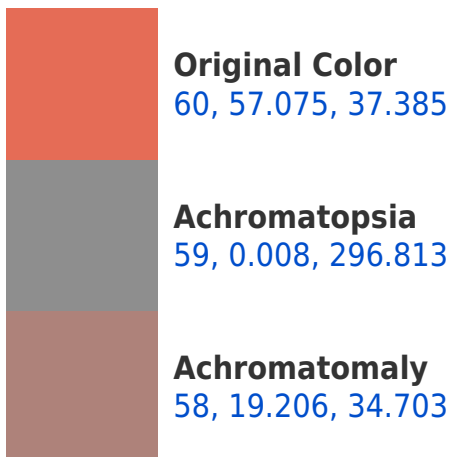


Tritanopia
60, 53.431, 22.240

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 57.075, 37.385 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(229, 108, 86)` looks like.

```
.text, #text, p{  
    color:rgb(229, 108, 86)  
}
```

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(229, 108, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 108, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 57.075, 37.385 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(229, 108, 86) }
```

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

```
.border{ border-color:rgb(229, 108, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 108, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 108, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 108, 86);  
box-shadow:4px 4px 4px 4px rgb(229, 108,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 57.075, 37.385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 108, 86) }
```

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

```
.background{ background-color: rgb(229,  
108, 86) }
```

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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