

Converting Colors

CIELCh(60, 52.801, 37.890)

Have a look what the booklet for
CIELCh(60, 52.801, 37.890) contains.

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Color

CIELCh(60, 52.880, 37.798)

Conversions

Conversions Part 1

Format	Color
Hex	E0705A
RGB	224, 112, 90
RGB Percent	88%, 44%, 35%
CMY	0.1221, 0.5612, 0.6475
CMYK	0.00, 0.50, 0.60, 0.12
HSL	10°, 68%, 62%
HSV	10°, 60%, 88%
XYZ	38.3191, 28.1233, 13.0568
YIQ	142.9800, 73.8140, 16.9020

Conversions

Conversions Part 2

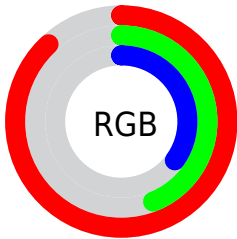
Format	Color
R_{YB}	224, 116, 90
Decimal	14708826
CIE _{Lab}	60.00, 41.78, 32.41
CIE _{LCh}	60, 52.880, 37.798
Yxy	28.1233, 0.4820, 0.3538
Android (android.graphics.Color)	4292898906 (0xFFE0705A)
YUV	142.9800, -26.1191, 71.0545
Hunter-Lab	53.0314, 36.1745, 22.5243

Details

The CIELCh color **60, 52.880, 37.798** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **76, 32.653, 218.876**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 40.404, 42.029**, and **40, 52.960, 37.483** is the 20% darker color. If you saturate the color by 10%, you get **56, 63.697, 39.048**, and if you desaturate by 10%, it is **64, 42.442, 36.837**.

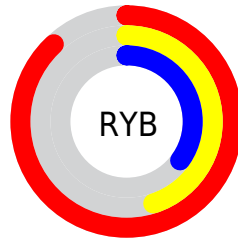
Distribution



Red (88%)

Green (44%)

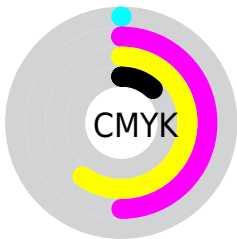
Blue (35%)



Red (88%)

Yellow (45%)

Blue (35%)

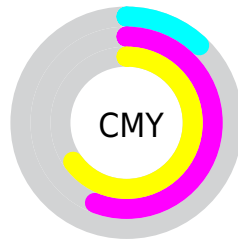


Cyan (0%)

Magenta (50%)

Yellow (60%)

Black (12%)



Cyan (12%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 52.880, 37.798 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, 52.880, 37.798 by changing the saturation by 10% instead.

60, 52.880, 37.798

60, 52.880, 37.798

100, 52.880,
37.798

50, 52.880, 37.798

80, 52.880, 37.798

40, 52.880, 37.798

90, 52.880, 37.798

30, 52.880, 37.798

20, 52.880, 37.798

10, 52.880, 37.798

0, 52.880, 37.798

60, 52.880, 37.798

60, 52.880, 37.798

56, 63.697, 39.048

64, 42.442, 36.837

53, 74.461, 40.471

69, 32.594, 36.152

50, 84.191, 41.691

74, 23.418, 35.705

48, 91.436, 42.230

79, 14.930, 35.446

48, 91.541, 42.245

84, 7.103, 35.309

89, 0.109, 220.912

95, 6.764, 215.610

98, 10.545,
198.803

Harmonies

Complementary

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



60, 52.880, 37.798



76, 32.653, 218.876

Rectangle

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



60, 52.880, 37.798



60, 52.880, 87.798



60, 52.880, 217.798



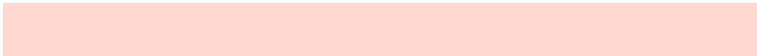
60, 52.880, 267.798

Sweetspot

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



60, 52.878, 37.801



90, 14.942, 35.417



59, 73.560, 332.586



46, 10.512, 35.470



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, 52.878, 37.801



63, 73.500, 39.421



75, 50.786, 81.617



44, 4.098, 35.304



38, 76.105, 42.575



7, 22.851, 29.942

Inverse Universe

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



76, 32.653, 218.876



83, 39.962, 220.953



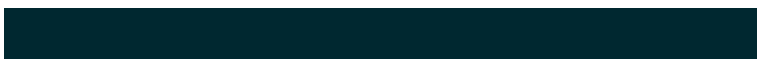
57, 50.240, 281.877



46, 3.858, 215.612



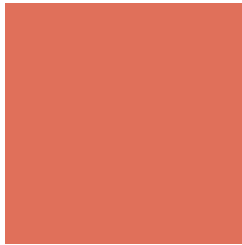
56, 32.961, 227.614



14, 13.599, 221.872

Previews

White Background



This preview shows how the CIELCh color 60, 52.880, 37.798 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 CIE LCh color 60, 52.880, 37.798 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, 52.880, 37.798

Background



This preview shows how black text looks on a background with the CIELCh color 60, 52.880, 37.798.



This preview shows how white text looks on a background with the CIELCh color 60, 52.880, 37.798.

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](#).

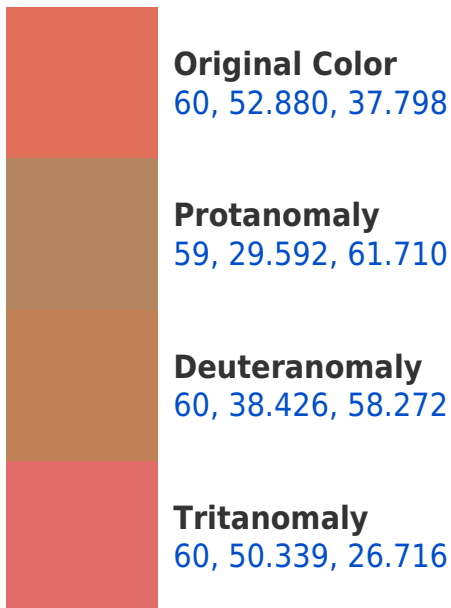
Dichromacy





Tritanopia
60, 49.434, 20.665

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 52.880, 37.798 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(224, 112, 90)` looks like.

```
.text, #text, p{  
    color:rgb(224, 112, 90)  
}
```

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(224, 112, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 112, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 52.880, 37.798 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(224, 112, 90) }
```

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

```
.border{ border-color:rgb(224, 112, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 112, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 112, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 112, 90);  
box-shadow:4px 4px 4px 4px rgb(224, 112,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 52.880, 37.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 112, 90) }
```

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

```
.background{ background-color: rgb(224,  
112, 90) }
```

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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