

Converting Colors

CIELCh(61, 54.886, 43.718)

Have a look what the booklet for
CIELCh(61, 54.886, 43.718) contains.

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Color

CIELCh(61, 54.790, 43.705)

Conversions

Conversions Part 1

Format	Color
Hex	E17452
RGB	225, 116, 82
RGB Percent	88%, 45%, 32%
CMY	0.1162, 0.5438, 0.6773
CMYK	0.00, 0.48, 0.63, 0.12
HSL	14°, 71%, 60%
HSV	14°, 63%, 88%
XYZ	38.9871, 29.2481, 11.6330
YIQ	144.7150, 75.8780, 12.5340

Conversions

Conversions Part 2

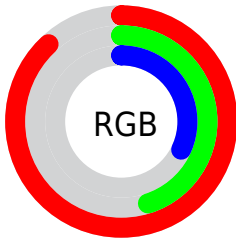
Format	Color
R_{YB}	225, 127, 82
Decimal	14775378
CIE Lab	61.00, 39.61, 37.86
CIE LCh	61, 54.790, 43.705
Yxy	29.2481, 0.4881, 0.3662
Android (android.graphics.Color)	4292965458 (0xFFE17452)
YUV	144.7150, -30.9185, 70.4099
Hunter-Lab	54.0815, 34.0370, 25.1037

Details

The CIELCh color **61, 54.790, 43.705** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **73, 33.586, 231.384**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 42.222, 49.968**, and **41, 54.677, 44.104** is the 20% darker color. If you saturate the color by 10%, you get **57, 65.416, 44.248**, and if you desaturate by 10%, it is **65, 44.488, 43.313**.

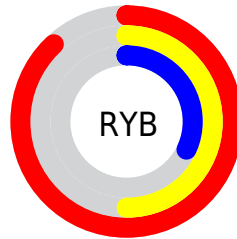
Distribution



Red (88%)

Green (45%)

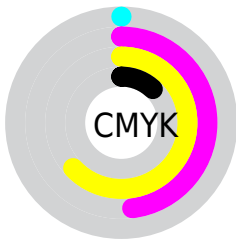
Blue (32%)



Red (88%)

Yellow (50%)

Blue (32%)

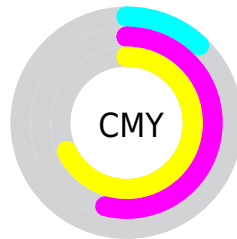


Cyan (0%)

Magenta (48%)

Yellow (63%)

Black (12%)



Cyan (12%)

Magenta (54%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 54.790, 43.705 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 61, 54.790, 43.705 by changing the saturation by 10% instead.

61, 54.790, 43.705

61, 54.790, 43.705

100, 54.790,
43.705

51, 54.790, 43.705

81, 54.790, 43.705

41, 54.790, 43.705

91, 54.790, 43.705

31, 54.790, 43.705

21, 54.790, 43.705

11, 54.790, 43.705

1, 54.790, 43.705

0, 54.790, 43.705

61, 54.790, 43.705

61, 54.790, 43.705

57, 65.416, 44.248

65, 44.488, 43.313

54, 75.806, 44.750

69, 34.757, 43.105

52, 84.719, 44.742

74, 25.685, 43.075

50, 89.286, 44.430

78, 17.284, 43.192

83, 9.527, 43.415

88, 2.363, 43.571

93, 4.263, 224.363

98, 9.630, 202.684

98, 10.048,
198.837

Harmonies

Complementary

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



61, 54.790, 43.705



73, 33.586, 231.384

Rectangle

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



61, 54.790, 43.705



61, 54.790, 93.705



61, 54.790, 223.705



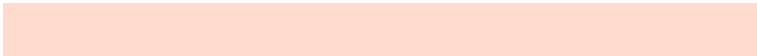
61, 54.790, 273.705

Sweetspot

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



61, 54.788, 43.708



90, 15.183, 43.279



58, 73.174, 336.374



46, 10.574, 43.220



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 54.788, 43.708



63, 75.350, 44.419



77, 56.817, 87.846



45, 3.933, 43.516



39, 73.772, 44.886



8, 21.811, 34.791

Inverse Universe

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



73, 33.586, 231.384



78, 40.917, 235.020



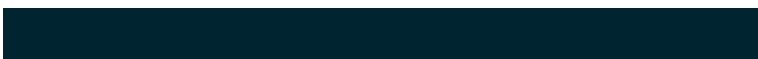
53, 60.716, 288.628



46, 3.717, 224.485



52, 34.173, 243.529



13, 13.653, 235.230

Previews

White Background



This preview shows how the CIELCh color 61, 54.790, 43.705 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 61, 54.790, 43.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

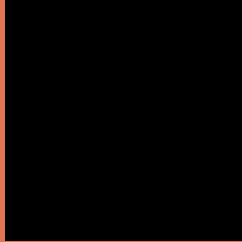
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 54.790, 43.705

Background



This preview shows how black text looks on a background with the CIELCh color 61, 54.790, 43.705.



This preview shows how white text looks on a background with the CIELCh color 61, 54.790, 43.705.

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

61, 54.790, 43.705

Protanopia

61, 30.437, 95.961

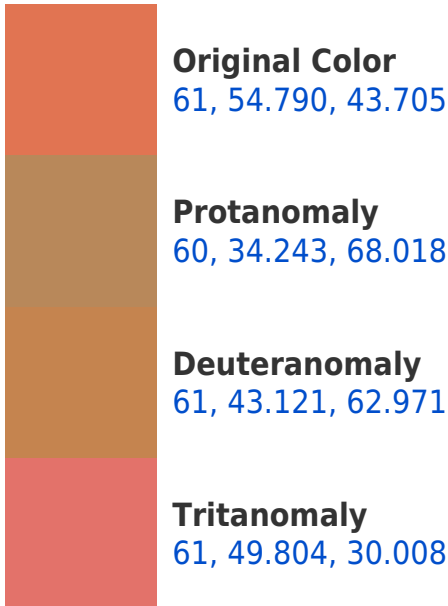
Deuteranopia

61, 40.243, 79.076



Tritanopia
61, 48.881, 21.008

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 54.790, 43.705 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(225, 116, 82)` looks like.

```
.text, #text, p{  
    color:rgb(225, 116, 82)  
}
```

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(225, 116, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 116, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 54.790, 43.705 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(225, 116, 82) }
```

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

```
.border{ border-color:rgb(225, 116, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 116, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 116, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 116, 82);  
box-shadow:4px 4px 4px 4px rgb(225, 116,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 54.790, 43.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 116, 82) }
```

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

```
.background{ background-color: rgb(225,  
116, 82) }
```

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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