

Converting Colors

CIELCh(61, 52.673, 36.587)

Have a look what the booklet for
CIELCh(61, 52.673, 36.587) contains.

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Color

CIELCh(61, 52.591, 36.653)

Conversions

Conversions Part 1

Format	Color
Hex	E3725E
RGB	227, 114, 94
RGB Percent	89%, 45%, 37%
CMY	0.1090, 0.5522, 0.6307
CMYK	0.00, 0.50, 0.59, 0.11
HSL	9°, 71%, 63%
HSV	9°, 59%, 89%
XYZ	39.8063, 29.2481, 14.1747
YIQ	145.5070, 73.7680, 17.7360

Conversions

Conversions Part 2

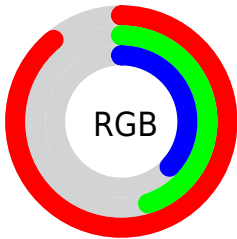
Format	Color
RYB	227, 118, 94
Decimal	14905950
CIELab	61.00, 42.19, 31.40
CIElCh	61, 52.591, 36.653
Yxy	29.2481, 0.4783, 0.3514
Android (android.graphics.Color)	4293096030 (0xFFE3725E)
YUV	145.5070, -25.3930, 71.4694
Hunter-Lab	54.0815, 36.7407, 22.3172

Details

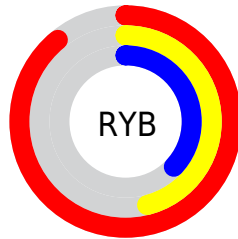
The CIELCh color **61, 52.591, 36.653** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **78, 32.819, 216.638**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 38.701, 40.397**, and **41, 52.879, 36.796** is the 20% darker color. If you saturate the color by 10%, you get **57, 63.557, 38.012**, and if you desaturate by 10%, it is **65, 42.024, 35.610**.

Distribution



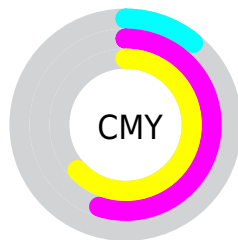
- Red (89%)
- Green (45%)
- Blue (37%)



- Red (89%)
- Yellow (46%)
- Blue (37%)



- Cyan (0%)
- Magenta (50%)
- Yellow (59%)
- Black (11%)



- Cyan (11%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 52.591, 36.653 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, 52.591, 36.653 by changing the saturation by 10% instead.

61, 52.591, 36.653

61, 52.591, 36.653

100, 52.591,
36.653

51, 52.591, 36.653

81, 52.591, 36.653

41, 52.591, 36.653

91, 52.591, 36.653

31, 52.591, 36.653

21, 52.591, 36.653

11, 52.591, 36.653

1, 52.591, 36.653

0, 52.591, 36.653

61, 52.591, 36.653

61, 52.591, 36.653

57, 63.557, 38.012

65, 42.024, 35.610

54, 74.517, 39.593

70, 32.059, 34.857

51, 84.563, 41.058

75, 22.776, 34.351

49, 92.059, 41.770

80, 14.189, 34.036

49, 93.018, 41.914

86, 6.275, 33.837

91, 1.018, 214.502

97, 7.748, 214.043

98, 9.448, 198.879

Harmonies

Complementary

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



61, 52.591, 36.653



78, 32.819, 216.638

Rectangle

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



61, 52.591, 36.653



61, 52.591, 86.653



61, 52.591, 216.653



61, 52.591, 266.653

Sweetspot

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



61, 52.589, 36.656



89, 15.087, 34.026



61, 73.164, 332.507



46, 10.614, 34.100



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, 52.589, 36.656



63, 71.633, 38.300



76, 50.291, 81.804



45, 4.215, 33.855



38, 77.319, 42.217



8, 24.405, 30.114

Inverse Universe

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



78, 32.819, 216.638



84, 39.674, 218.299



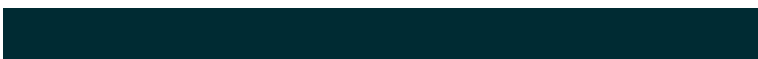
59, 49.697, 281.502



47, 3.966, 214.041



58, 33.351, 224.682



15, 14.097, 219.749

Previews

White Background



This preview shows how the CIELCh color 61, 52.591, 36.653 looks on a white background.

Color Contrast Check

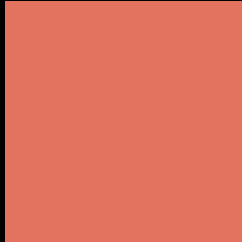
Large Text (above 18pt) WCAG AA ✓ Pass

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, 52.591, 36.653 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, 52.591, 36.653

Background



This preview shows how black text looks on a background with the CIELCh color 61, 52.591, 36.653.

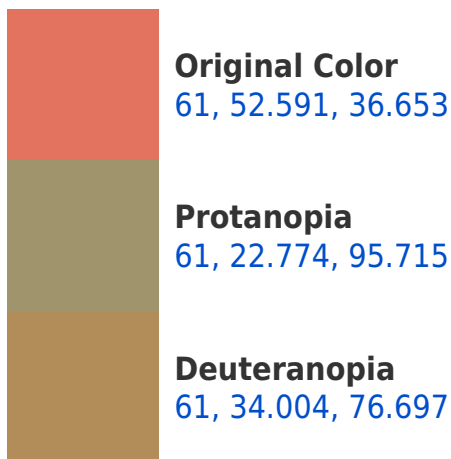


This preview shows how white text looks on a background with the CIELCh color 61, 52.591, 36.653.

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
61, 49.658, 20.610

Trichromacy



Original Color
61, 52.591, 36.653

Protanomaly
61, 28.612, 60.389

Deuteranomaly
61, 38.240, 56.484

Tritanomaly
61, 50.122, 26.580

Monochromacy



Original Color
61, 52.591, 36.653

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 18.052, 33.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 52.591, 36.653 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(227, 114, 94)` looks like.

```
.text, #text, p{  
    color:rgb(227, 114, 94)  
}
```

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(227, 114, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 114, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 52.591, 36.653 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(227, 114, 94) }
```

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

```
.border{ border-color:rgb(227, 114, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 114, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 114, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 114, 94);  
box-shadow:4px 4px 4px 4px rgb(227, 114,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 52.591, 36.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 114, 94) }
```

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

```
.background{ background-color: rgb(227,  
114, 94) }
```

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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