

Converting Colors

CIELCh(61, 51.068, 34.543)

Have a look what the booklet for
CIELCh(61, 51.068, 34.543) contains.

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Color

CIELCh(61, 51.152, 34.575)

Conversions

Conversions Part 1

Format	Color
Hex	E27262
RGB	226, 114, 98
RGB Percent	89%, 45%, 38%
CMY	0.1120, 0.5514, 0.6143
CMYK	0.00, 0.49, 0.57, 0.11
HSL	8°, 69%, 64%
HSV	8°, 57%, 89%
XYZ	39.7826, 29.2481, 15.1912
YIQ	145.6640, 71.8880, 18.7680

Conversions

Conversions Part 2

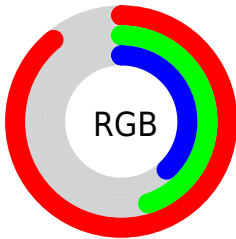
Format	Color
R _Y B	226, 116, 98
Decimal	14840418
CIE Lab	61.00, 42.12, 29.03
CIE LCh	61, 51.152, 34.575
Yxy	29.2481, 0.4724, 0.3473
Android (android.graphics.Color)	4293030498 (0xFFE27262)
YUV	145.6640, -23.4984, 70.4547
Hunter-Lab	54.0815, 36.6626, 21.2029

Details

The CIELCh color **61, 51.152, 34.575** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79, 32.531, 212.749**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 37.732, 37.609**, and **41, 51.282, 34.636** is the 20% darker color. If you saturate the color by 10%, you get **57, 62.116, 36.125**, and if you desaturate by 10%, it is **66, 40.594, 33.385**.

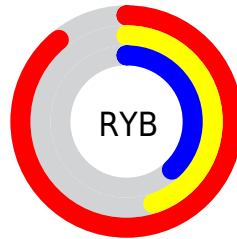
Distribution



Red (89%)

Green (45%)

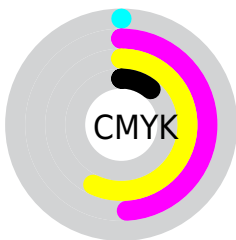
Blue (38%)



Red (89%)

Yellow (45%)

Blue (38%)

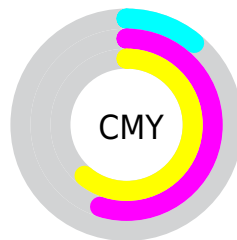


Cyan (0%)

Magenta (49%)

Yellow (57%)

Black (11%)



Cyan (11%)

Magenta (55%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 51.152, 34.575 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, 51.152, 34.575 by changing the saturation by 10% instead.

61, 51.152, 34.575

61, 51.152, 34.575

100, 51.152,
34.575

51, 51.152, 34.575

81, 51.152, 34.575

41, 51.152, 34.575

91, 51.152, 34.575

31, 51.152, 34.575

21, 51.152, 34.575

11, 51.152, 34.575

1, 51.152, 34.575

0, 51.152, 34.575

61, 51.152, 34.575

61, 51.152, 34.575

57, 62.116, 36.125

66, 40.594, 33.385

53, 73.125, 37.975

70, 30.634, 32.511

51, 83.400, 39.850

76, 21.354, 31.896

49, 91.293, 41.022

81, 12.769, 31.479

48, 93.484, 41.412

86, 4.854, 31.162

92, 2.440, 211.418

98, 9.069, 205.236

98, 9.700, 198.861

Harmonies

Complementary

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



61, 51.152, 34.575



79, 32.531, 212.749

Rectangle

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



61, 51.152, 34.575



61, 51.152, 84.575



61, 51.152, 214.575



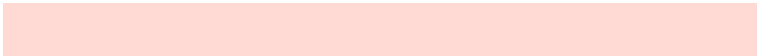
61, 51.152, 264.575

Sweetspot

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



61, 51.150, 34.578



90, 14.462, 31.498



61, 72.557, 331.142



47, 9.756, 31.571



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, 51.150, 34.578



63, 70.232, 36.454



75, 47.559, 79.200



44, 4.218, 31.256



37, 77.095, 41.686



7, 23.444, 27.606

Inverse Universe

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



79, 32.531, 212.749



86, 39.696, 213.958



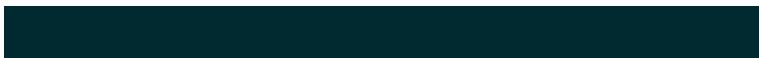
61, 45.555, 278.248



46, 3.967, 211.225



58, 33.273, 219.278



15, 13.835, 215.090

Previews

White Background



This preview shows how the CIELCh color 61, 51.152, 34.575 looks on a white background.

Color Contrast Check

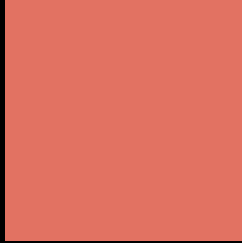
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.152, 34.575 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, 51.152, 34.575

Background



This preview shows how black text looks on a background with the CIELCh color 61, 51.152, 34.575.

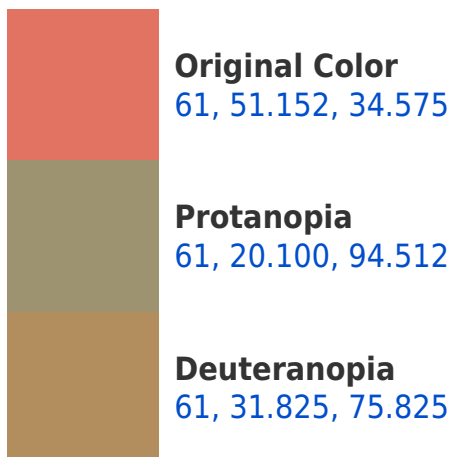


This preview shows how white text looks on a background with the CIELCh color 61, 51.152, 34.575.

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, 49.248, 20.515

Trichromacy



Original Color
61, 51.152, 34.575

Protanomaly
60, 26.675, 56.486

Deuteranomaly
61, 36.320, 54.558

Tritanomaly
61, 49.538, 25.934

Monochromacy



Original Color
61, 51.152, 34.575

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 17.014, 32.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 51.152, 34.575 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(226, 114, 98)` looks like.

```
.text, #text, p{  
    color:rgb(226, 114, 98)  
}
```

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(226, 114, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 114, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 51.152, 34.575 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(226, 114, 98) }
```

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

```
.border{ border-color:rgb(226, 114, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 114, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 114, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 114, 98);  
box-shadow:4px 4px 4px 4px rgb(226, 114,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 51.152, 34.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 114, 98) }
```

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

```
.background{ background-color: rgb(226,  
114, 98) }
```

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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