

Converting Colors

CIELCh(61, 55.955, 36.777)

Have a look what the booklet for
CIELCh(61, 55.955, 36.777) contains.

CIELCh(61, 55.834, 36.383)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 55.834, 36.383)

Conversions

Conversions Part 1

Format	Color
Hex	E76F5B
RGB	231, 111, 91
RGB Percent	91%, 44%, 36%
CMY	0.0927, 0.5634, 0.6420
CMYK	0.00, 0.52, 0.61, 0.09
HSL	9°, 75%, 63%
HSV	9°, 61%, 91%
XYZ	40.6933, 29.2481, 13.4635
YIQ	144.6000, 77.9400, 19.2200

Conversions

Conversions Part 2

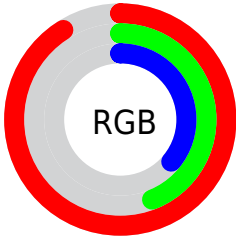
Format	Color
R_{YB}	231, 114, 91
Decimal	15167323
CIE _{Lab}	61.00, 44.95, 33.12
CIE _{LCh}	61, 55.834, 36.383
Yxy	29.2481, 0.4879, 0.3507
Android (android.graphics.Color)	4293357403 (0xFFE76F5B)
YUV	144.6000, -26.4248, 75.7728
Hunter-Lab	54.0815, 39.6684, 23.0969

Details

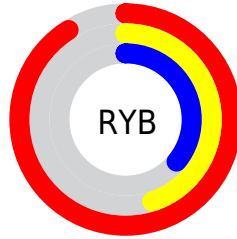
The CIELCh color **61, 55.834, 36.383** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **79, 34.127, 215.759**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 40.078, 39.930**, and **41, 56.068, 36.487** is the 20% darker color. If you saturate the color by 10%, you get **57, 67.027, 37.882**, and if you desaturate by 10%, it is **65, 44.970, 35.208**.

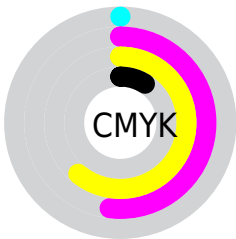
Distribution



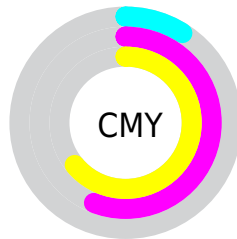
- Red (91%)
- Green (44%)
- Blue (36%)



- Red (91%)
- Yellow (45%)
- Blue (36%)



- Cyan (0%)
- Magenta (52%)
- Yellow (61%)
- Black (9%)



- Cyan (9%)
- Magenta (56%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 55.834, 36.383 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, 55.834, 36.383 by changing the saturation by 10% instead.

 61, 55.834, 36.383

 61, 55.834, 36.383

 100, 55.834,
36.383

 51, 55.834, 36.383

 81, 55.834, 36.383

 41, 55.834, 36.383

 91, 55.834, 36.383

 31, 55.834, 36.383

 21, 55.834, 36.383

 11, 55.834, 36.383

 1, 55.834, 36.383

 0, 55.834, 36.383

 61, 55.834, 36.383

 61, 55.834, 36.383

 57, 67.027, 37.882

 65, 44.970, 35.208

54, 78.062, 39.574

70, 34.680, 34.343

51, 87.848, 41.034

75, 25.068, 33.743

50, 94.550, 41.737

81, 16.166, 33.352

86, 7.956, 33.103

91, 0.393, 31.525

97, 6.583, 213.203

98, 8.066, 198.977

Harmonies

Complementary

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



61, 55.834, 36.383



79, 34.127, 215.759

Rectangle

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



61, 55.834, 36.383



61, 55.834, 86.383



61, 55.834, 216.383



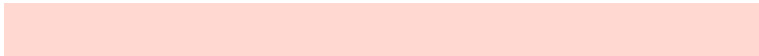
61, 55.834, 266.383

Sweetspot

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



61, 55.832, 36.386



89, 15.170, 33.281



61, 77.065, 331.998



46, 10.672, 33.367



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, 55.832, 36.386



62, 75.574, 38.354



76, 52.316, 80.053



45, 4.238, 33.079



38, 77.513, 42.046



8, 24.527, 29.656

Inverse Universe

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



79, 34.127, 215.759



84, 40.576, 217.560



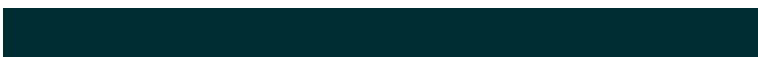
59, 50.977, 280.840



47, 3.987, 213.200



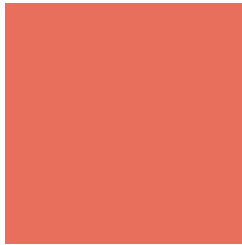
58, 33.405, 223.082



16, 14.141, 218.431

Previews

White Background



This preview shows how the CIELCh color 61, 55.834, 36.383 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, 55.834, 36.383 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, 55.834, 36.383

Background



This preview shows how black text looks on a background with the CIELCh color 61, 55.834, 36.383.



This preview shows how white text looks on a background with the CIELCh color 61, 55.834, 36.383.

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](#).

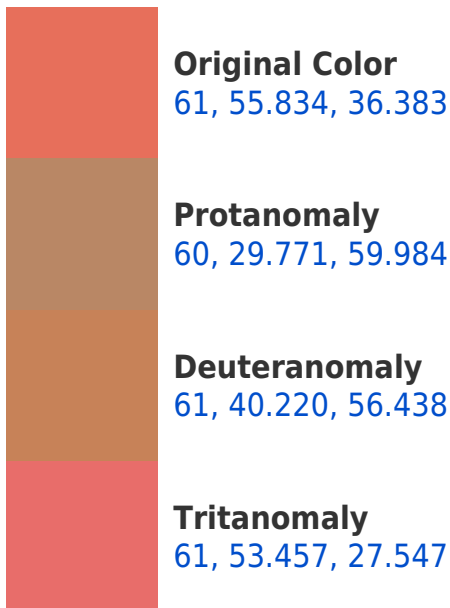
Dichromacy





Tritanopia
61, 52.826, 21.994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 55.834, 36.383 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(231, 111, 91)` looks like.

```
.text, #text, p{  
    color:rgb(231, 111, 91)  
}
```

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(231, 111, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 111, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 55.834, 36.383 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(231, 111, 91) }
```

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

```
.border{ border-color:rgb(231, 111, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 111, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 111, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 111, 91);  
box-shadow:4px 4px 4px 4px rgb(231, 111,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 55.834, 36.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 111, 91) }
```

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

```
.background{ background-color: rgb(231,  
111, 91) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor