

Converting Colors

CIELCh(60, 55.893, 32.410)

Have a look what the booklet for
CIELCh(60, 55.893, 32.410) contains.

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Color

CIELCh(60, 55.760, 31.987)

Conversions

Conversions Part 1

Format	Color
Hex	E66A5F
RGB	230, 106, 95
RGB Percent	90%, 42%, 37%
CMY	0.0962, 0.5827, 0.6260
CMYK	0.00, 0.54, 0.59, 0.10
HSL	5°, 73%, 64%
HSV	5°, 59%, 90%
XYZ	40.0595, 28.1233, 14.2308
YIQ	141.8220, 77.4350, 22.8670

Conversions

Conversions Part 2

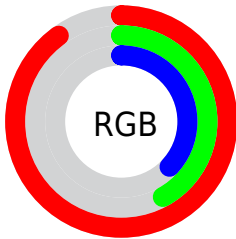
Format	Color
RYB	230, 107, 95
Decimal	15100511
CIELab	60.00, 47.29, 29.54
CIElCh	60, 55.760, 31.987
Yxy	28.1233, 0.4861, 0.3412
Android (android.graphics.Color)	4293290591 (0xFFE66A5F)
YUV	141.8220, -23.0832, 77.3321
Hunter-Lab	53.0314, 42.0324, 21.2118

Details

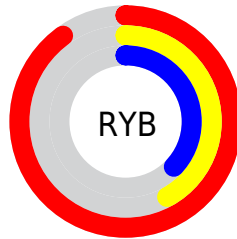
The CIELCh color **60, 55.760, 31.987** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **81, 34.931, 206.898**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 40.374, 33.311**, and **40, 55.485, 31.908** is the 20% darker color. If you saturate the color by 10%, you get **56, 67.011, 34.063**, and if you desaturate by 10%, it is **65, 44.749, 30.353**.

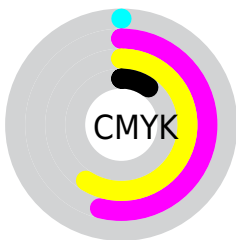
Distribution



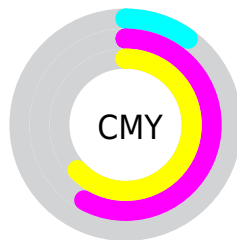
- Red (90%)
- Green (42%)
- Blue (37%)



- Red (90%)
- Yellow (42%)
- Blue (37%)



- Cyan (0%)
- Magenta (54%)
- Yellow (59%)
- Black (10%)



- Cyan (10%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 55.760, 31.987 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, 55.760, 31.987 by changing the saturation by 10% instead.

60, 55.760, 31.987

60, 55.760, 31.987

100, 55.760,
31.987

50, 55.760, 31.987

80, 55.760, 31.987

40, 55.760, 31.987

90, 55.760, 31.987

30, 55.760, 31.987

20, 55.760, 31.987

10, 55.760, 31.987

0, 55.760, 31.987

60, 55.760, 31.987

60, 55.760, 31.987

56, 67.011, 34.063

65, 44.749, 30.353

53, 78.052, 36.494

70, 34.246, 29.110

■ 50, 87.936, 38.895

■ 75, 24.386, 28.189

■ 49, 94.917, 40.485

■ 81, 15.226, 27.512

■ 49, 95.733, 40.735

■ 86, 6.763, 26.993

■ 92, 1.040, 207.357

■ 98, 8.211, 200.586

■ 98, 8.367, 198.956

Harmonies

Complementary

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



60, 55.760, 31.987



81, 34.931, 206.898

Rectangle

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



60, 55.760, 31.987



60, 55.760, 81.987



60, 55.760, 211.987



60, 55.760, 261.987

Sweetspot

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



60, 55.757, 31.990



89, 15.943, 27.482



62, 78.327, 329.516



46, 11.214, 27.657



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, 55.757, 31.990



61, 74.484, 34.472



74, 48.992, 74.331



45, 4.456, 27.034



38, 78.820, 40.931



7, 25.581, 26.067

Inverse Universe

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



81, 34.931, 206.898



88, 41.637, 207.575



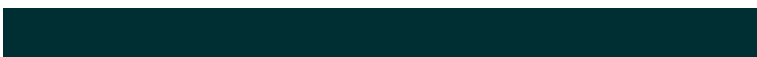
63, 44.570, 274.471



47, 4.191, 206.647



61, 34.692, 210.548



17, 14.740, 208.156

Previews

White Background



This preview shows how the CIELCh color 60, 55.760, 31.987 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 60, 55.760, 31.987 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, 55.760, 31.987

Background



This preview shows how black text looks on a background with the CIELCh color 60, 55.760, 31.987.

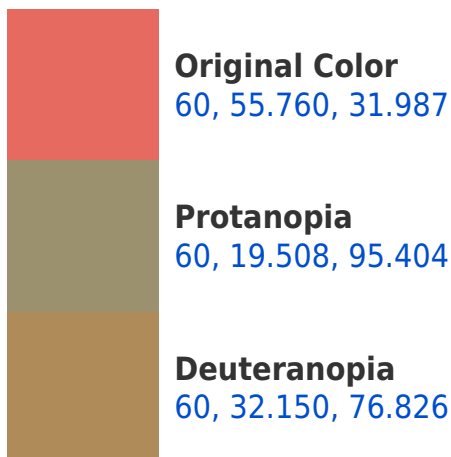


This preview shows how white text looks on a background with the CIELCh color 60, 55.760, 31.987.

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, 53.906, 22.380

Trichromacy



Original Color
60, 55.760, 31.987

Protanomaly
59, 27.241, 53.195

Deuteranomaly
59, 37.376, 52.846

Tritanomaly
60, 54.482, 26.207

Monochromacy



Original Color
60, 55.760, 31.987

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 19.019, 28.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 55.760, 31.987 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(230, 106, 95)` looks like.

```
.text, #text, p{  
    color:rgb(230, 106, 95)  
}
```

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(230, 106, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 106, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 55.760, 31.987 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(230, 106, 95) }
```

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

```
.border{ border-color:rgb(230, 106, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 106, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 106, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 106, 95);  
box-shadow:4px 4px 4px 4px rgb(230, 106,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 55.760, 31.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 106, 95) }
```

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

```
.background{ background-color: rgb(230,  
106, 95) }
```

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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