

Converting Colors

CIELCh(62, 58.196, 34.618)

Have a look what the booklet for
CIELCh(62, 58.196, 34.618) contains.

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Color

CIELCh(62, 58.020, 34.695)

Conversions

Conversions Part 1

Format	Color
Hex	EE6F5E
RGB	238, 111, 94
RGB Percent	93%, 44%, 37%
CMY	0.0662, 0.5642, 0.6310
CMYK	0.00, 0.53, 0.60, 0.07
HSL	7°, 81%, 65%
HSV	7°, 60%, 93%
XYZ	43.0248, 30.4025, 14.2141
YIQ	147.0350, 81.1490, 21.6370

Conversions

Conversions Part 2

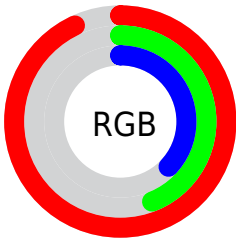
Format	Color
R _Y B	238, 113, 94
Decimal	15626078
CIE Lab	62.00, 47.70, 33.03
CIE LCh	62, 58.020, 34.695
Yxy	30.4025, 0.4909, 0.3469
Android (android.graphics.Color)	4293816158 (0xFFEE6F5E)
YUV	147.0350, -26.1463, 79.7763
Hunter-Lab	55.1385, 42.7919, 23.3126

Details

The CIELCh color **62, 58.020, 34.695** 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 **82, 35.464, 212.092**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 39.122, 38.736**, and **42, 58.204, 35.044** is the 20% darker color. If you saturate the color by 10%, you get **58, 69.536, 36.464**, and if you desaturate by 10%, it is **67, 46.784, 33.296**.

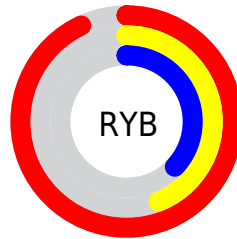
Distribution



Red (93%)

Green (44%)

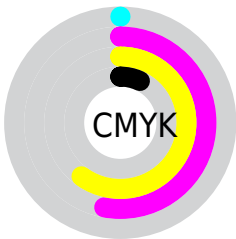
Blue (37%)



Red (93%)

Yellow (44%)

Blue (37%)

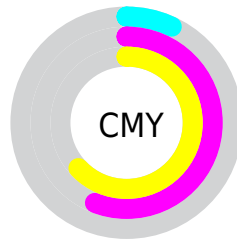


Cyan (0%)

Magenta (53%)

Yellow (60%)

Black (7%)



Cyan (7%)

Magenta (56%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 58.020, 34.695 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 62, 58.020, 34.695 by changing the saturation by 10% instead.

62, 58.020, 34.695

62, 58.020, 34.695

100, 58.020,
34.695

52, 58.020, 34.695

82, 58.020, 34.695

42, 58.020, 34.695

92, 58.020, 34.695

32, 58.020, 34.695

22, 58.020, 34.695

12, 58.020, 34.695

2, 58.020, 34.695

0, 58.020, 34.695

62, 58.020, 34.695

62, 58.020, 34.695

58, 69.536, 36.464

67, 46.784, 33.296

55, 80.818, 38.474

72, 36.100, 32.244

52, 90.730, 40.273

77, 26.096, 31.487

51, 97.353, 41.244

82, 16.817, 30.959

88, 8.253, 30.588

94, 0.364, 28.732

99, 5.796, 199.152

Harmonies

Complementary

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



62, 58.020, 34.695



82, 35.464, 212.092

Rectangle

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



62, 58.020, 34.695



62, 58.020, 84.695



62, 58.020, 214.695



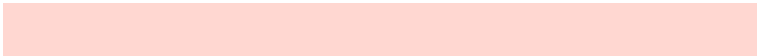
62, 58.020, 264.695

Sweetspot

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



62, 58.017, 34.698



89, 15.464, 30.859



63, 79.684, 331.377



46, 10.878, 30.981



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 58.017, 34.698



61, 76.604, 37.011



78, 53.071, 78.581



47, 4.479, 30.555



39, 79.797, 41.501



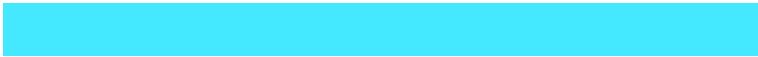
9, 27.470, 30.359

Inverse Universe

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



82, 35.464, 212.092



85, 41.188, 213.475



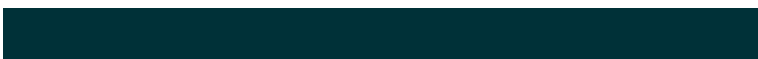
62, 50.861, 279.508



49, 4.211, 210.461



61, 34.460, 217.892



18, 15.205, 214.533

Previews

White Background



This preview shows how the CIELCh color 62, 58.020, 34.695 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 58.020, 34.695 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 ✓ Pass

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

CIELCh 62, 58.020, 34.695

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.020, 34.695.

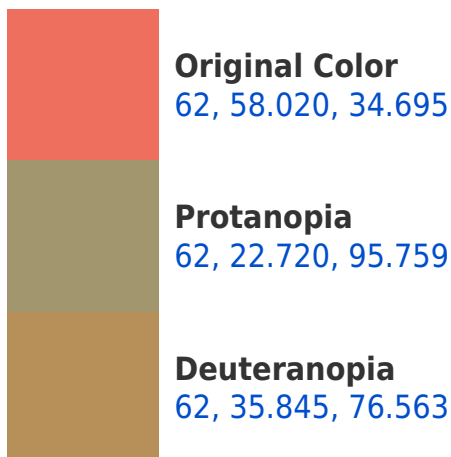


This preview shows how white text looks on a background with the CIELCh color 62, 58.020, 34.695.

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](#).

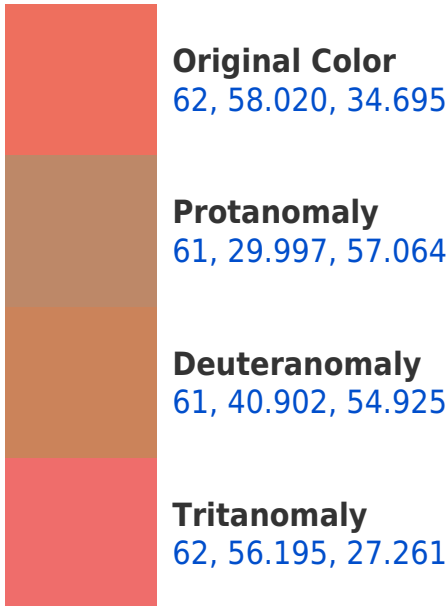
Dichromacy



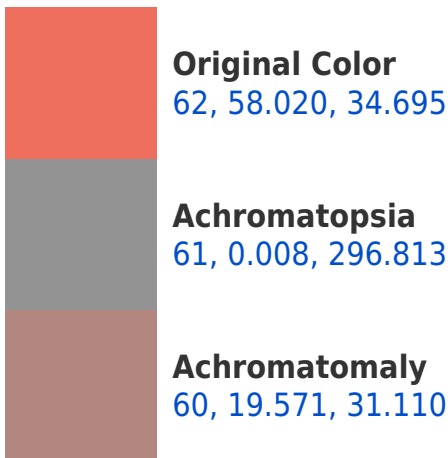


Tritanopia
62, 55.270, 22.488

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.020, 34.695 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(238, 111, 94)` looks like.

```
.text, #text, p{  
    color:rgb(238, 111, 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(238, 111, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 111, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.020, 34.695 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(238, 111, 94) }
```

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

```
.border{ border-color:rgb(238, 111, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 111, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 111, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 111, 94);  
box-shadow:4px 4px 4px 4px rgb(238, 111,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.020, 34.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 111, 94) }
```

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

```
.background{ background-color: rgb(238,  
111, 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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