

Converting Colors

CIELCh(68, 43.890, 38.232)

Have a look what the booklet for
CIELCh(68, 43.890, 38.232) contains.

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Color

CIELCh(68, 43.612, 38.098)

Conversions

Conversions Part 1

Format	Color
Hex	EC8C77
RGB	236, 140, 119
RGB Percent	93%, 55%, 47%
CMY	0.0741, 0.4506, 0.5330
CMYK	0.00, 0.41, 0.50, 0.07
HSL	11°, 76%, 70%
HSV	11°, 50%, 93%
XYZ	47.3582, 37.9720, 22.3160
YIQ	166.3100, 63.9570, 13.8210

Conversions

Conversions Part 2

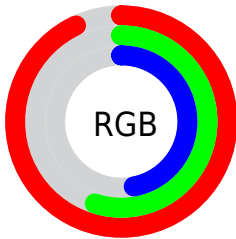
Format	Color
R _Y B	236, 145, 119
Decimal	15502455
CIE Lab	68.00, 34.32, 26.91
CIE LCh	68, 43.612, 38.098
Yxy	37.9720, 0.4399, 0.3527
Android (android.graphics.Color)	4293692535 (0xFFEC8C77)
YUV	166.3100, -23.3238, 61.1181
Hunter-Lab	61.6215, 29.3459, 21.6633

Details

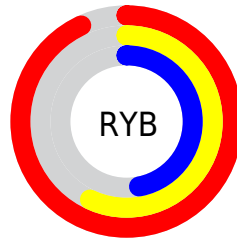
The CIELCh color **68, 43.612, 38.098** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81, 29.763, 219.889**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 27.354, 48.093**, and **48, 43.968, 38.063** is the 20% darker color. If you saturate the color by 10%, you get **64, 54.420, 38.932**, and if you desaturate by 10%, it is **73, 33.428, 37.533**.

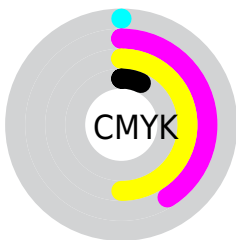
Distribution



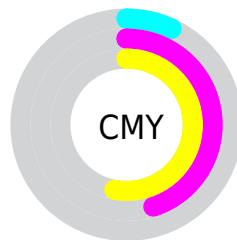
- Red (93%)
- Green (55%)
- Blue (47%)



- Red (93%)
- Yellow (57%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (7%)



- Cyan (7%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 43.612, 38.098 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 68, 43.612, 38.098 by changing the saturation by 10% instead.

68, 43.612, 38.098

68, 43.612, 38.098

100, 43.612,
38.098

58, 43.612, 38.098

88, 43.612, 38.098

48, 43.612, 38.098

98, 43.612, 38.098

38, 43.612, 38.098

28, 43.612, 38.098

18, 43.612, 38.098

8, 43.612, 38.098

0, 43.612, 38.098

68, 43.612, 38.098

68, 43.612, 38.098

64, 54.420, 38.932

73, 33.428, 37.533

60, 65.657, 40.021

78, 23.953, 37.187

56, 76.867, 41.261

83, 15.194, 37.017

53, 87.035, 42.280

88, 7.122, 36.959

51, 94.552, 42.538

94, 0.317, 219.098

51, 94.855, 42.565

99, 6.476, 199.098

Harmonies

Complementary

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



68, 43.612, 38.098



81, 29.763, 219.889

Rectangle

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



68, 43.612, 38.098



68, 43.612, 88.098



68, 43.612, 218.098



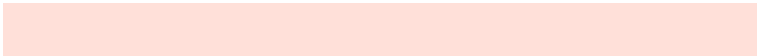
68, 43.612, 268.098

Sweetspot

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



68, 43.610, 38.102



91, 12.170, 36.983



67, 64.787, 332.558



48, 8.377, 36.997



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 43.610, 38.102



69, 57.315, 38.902



81, 44.267, 84.512



46, 4.208, 36.959



39, 77.336, 42.938



9, 25.226, 32.954

Inverse Universe

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



81, 29.763, 219.889



85, 35.647, 221.189



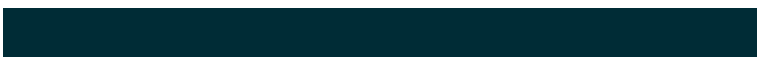
65, 44.073, 280.255



48, 3.963, 217.404



57, 33.726, 231.037



16, 14.426, 225.327

Previews

White Background



This preview shows how the CIELCh color 68, 43.612, 38.098 looks on a white background.

Color Contrast Check

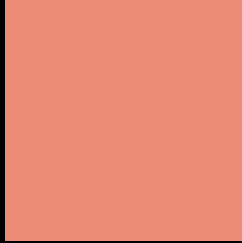
Large Text (above 18pt) WCAG AA × Fail

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 68, 43.612, 38.098 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 68, 43.612, 38.098

Background



This preview shows how black text looks on a background with the CIELCh color 68, 43.612, 38.098.

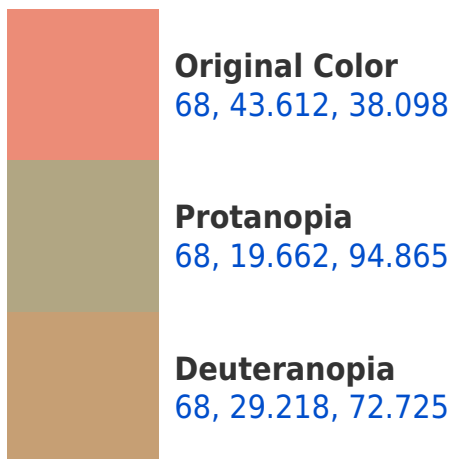


This preview shows how white text looks on a background with the CIELCh color 68, 43.612, 38.098.

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
68, 41.612, 16.537

Trichromacy



Original Color
68, 43.612, 38.098

Protanomaly
68, 24.170, 62.779

Deuteranomaly
68, 32.859, 56.213

Tritanomaly
68, 41.657, 24.443

Monochromacy



Original Color
68, 43.612, 38.098

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 14.410, 38.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 43.612, 38.098 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(236, 140, 119)` looks like.

```
.text, #text, p{  
    color:rgb(236, 140, 119)  
}
```

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(236, 140, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 140, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 43.612, 38.098 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(236, 140, 119) }
```

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

```
.border{ border-color:rgb(236, 140, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 140, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 140, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 140, 119);  
box-shadow:4px 4px 4px 4px rgb(236, 140,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 43.612, 38.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 140, 119) }
```

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

```
.background{ background-color: rgb(236,  
140, 119) }
```

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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