

Converting Colors

CIELCh(68, 37.897, 43.848)

Have a look what the booklet for
CIELCh(68, 37.897, 43.848) contains.

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Color

CIELCh(68, 37.958, 43.850)

Conversions

Conversions Part 1

Format	Color
Hex	E29278
RGB	226, 146, 120
RGB Percent	89%, 57%, 47%
CMY	0.1147, 0.4283, 0.5302
CMYK	0.00, 0.35, 0.47, 0.11
HSL	15°, 64%, 68%
HSV	15°, 47%, 89%
XYZ	44.9116, 37.9720, 22.6657
YIQ	166.9560, 56.0260, 8.8740

Conversions

Conversions Part 2

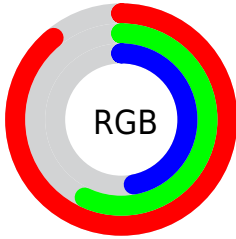
Format	Color
R _Y B	226, 154, 120
Decimal	14848632
CIE Lab	68.00, 27.37, 26.30
CIE LCh	68, 37.958, 43.850
Yxy	37.9720, 0.4255, 0.3598
Android (android.graphics.Color)	4293038712 (0xFFE29278)
YUV	166.9560, -23.1493, 51.7816
Hunter-Lab	61.6215, 22.2588, 21.3269

Details

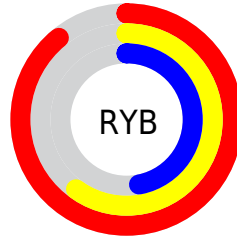
The CIELCh color **68, 37.958, 43.850** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76, 27.120, 229.246**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.661, 53.710**, and **48, 38.085, 44.238** is the 20% darker color. If you saturate the color by 10%, you get **64, 47.873, 44.068**, and if you desaturate by 10%, it is **72, 28.678, 43.819**.

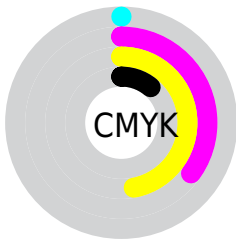
Distribution



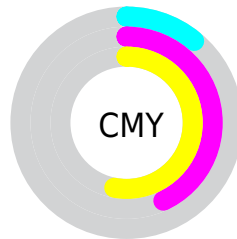
- Red (89%)
- Green (57%)
- Blue (47%)



- Red (89%)
- Yellow (60%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (47%)
- Black (11%)



- Cyan (11%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 37.958, 43.850 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, 37.958, 43.850 by changing the saturation by 10% instead.

68, 37.958, 43.850

68, 37.958, 43.850

100, 37.958,
43.850

58, 37.958, 43.850

88, 37.958, 43.850

48, 37.958, 43.850

98, 37.958, 43.850

38, 37.958, 43.850

28, 37.958, 43.850

18, 37.958, 43.850

8, 37.958, 43.850

0, 37.958, 43.850

68, 37.958, 43.850

68, 37.958, 43.850

64, 47.873, 44.068

72, 28.678, 43.819

60, 58.299, 44.453

77, 20.070, 43.935

57, 68.909, 44.929

82, 12.113, 44.169

54, 78.952, 45.237

86, 4.765, 44.446

51, 86.946, 44.812

91, 2.029, 225.276

51, 89.088, 44.701

96, 8.280, 224.718

98, 9.923, 198.846

Harmonies

Complementary

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



68, 37.958, 43.850



76, 27.120, 229.246

Rectangle

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



68, 37.958, 43.850



68, 37.958, 93.850



68, 37.958, 223.850



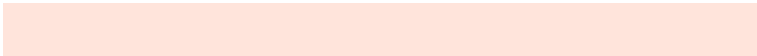
68, 37.958, 273.850

Sweetspot

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



68, 37.956, 43.855



93, 10.926, 44.250



65, 56.896, 335.002



48, 7.610, 44.188



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, 37.956, 43.855



72, 51.865, 44.051



81, 42.455, 90.137



45, 3.921, 44.383



40, 73.509, 45.171



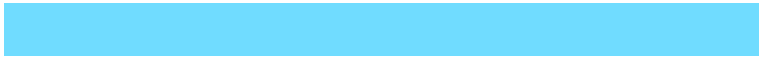
8, 21.708, 35.347

Inverse Universe

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



76, 27.120, 229.246



83, 34.093, 231.003



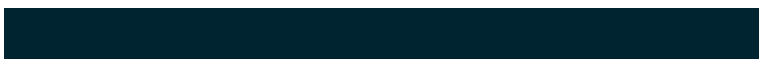
62, 43.903, 284.168



46, 3.708, 225.419



52, 34.430, 245.094



13, 13.697, 236.589

Previews

White Background



This preview shows how the CIELCh color 68, 37.958, 43.850 looks on a white background.

Color Contrast Check

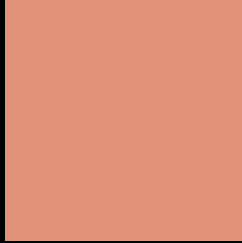
Large Text (above 18pt) WCAG AA × Fail

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, 37.958, 43.850 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, 37.958, 43.850

Background



This preview shows how black text looks on a background with the CIELCh color 68, 37.958, 43.850.



This preview shows how white text looks on a background with the CIELCh color 68, 37.958, 43.850.

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](#).

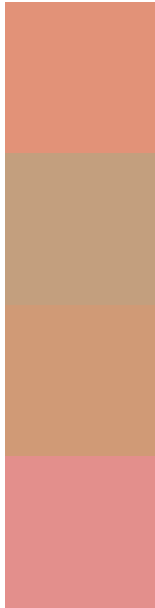
Dichromacy





Tritanopia
68, 35.334, 13.505

Trichromacy



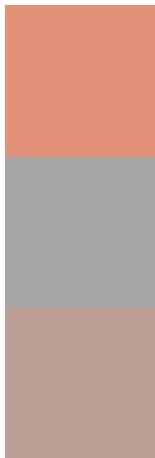
Original Color
68, 37.958, 43.850

Protanomaly
68, 23.865, 68.778

Deuteranomaly
68, 31.028, 59.647

Tritanomaly
68, 34.884, 25.493

Monochromacy



Original Color
68, 37.958, 43.850

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.660, 43.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 37.958, 43.850 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, 146, 120)` looks like.

```
.text, #text, p{  
    color:rgb(226, 146, 120)  
}
```

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, 146, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 146, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 37.958, 43.850 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, 146, 120) }
```

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

```
.border{ border-color:rgb(226, 146, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 146, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 146, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 146, 120);  
box-shadow:4px 4px 4px 4px rgb(226, 146,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 37.958, 43.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 146, 120) }
```

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

```
.background{ background-color: rgb(226,  
146, 120) }
```

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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