

Converting Colors

CIELCh(67, 38.689, 38.846)

Have a look what the booklet for
CIELCh(67, 38.689, 38.846) contains.

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Color

CIELCh(67, 38.689, 38.846)

Conversions

Conversions Part 1

Format	Color
Hex	E28D79
RGB	226, 141, 121
RGB Percent	89%, 55%, 47%
CMY	0.1134, 0.4468, 0.5252
CMYK	0.00, 0.38, 0.46, 0.11
HSL	11°, 64%, 68%
HSV	11°, 46%, 89%
XYZ	44.3769, 36.6320, 22.8413
YIQ	164.1350, 57.0800, 11.8000

Conversions

Conversions Part 2

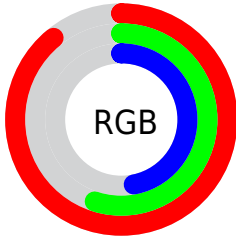
Format	Color
R_{YB}	226, 146, 121
Decimal	14847353
CIE _{Lab}	67.00, 30.13, 24.27
CIE _{LCh}	67, 38.689, 38.846
Yxy	36.6320, 0.4273, 0.3527
Android (android.graphics.Color)	4293037433 (0xFFE28D79)
YUV	164.1350, -21.2656, 54.2556
Hunter-Lab	60.5244, 24.9600, 19.9916

Details

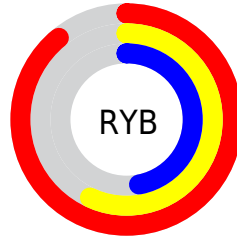
The CIELCh color **67, 38.689, 38.846** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78, 27.262, 221.106**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 26.784, 46.264**, and **47, 38.873, 39.225** is the 20% darker color. If you saturate the color by 10%, you get **63, 48.882, 39.501**, and if you desaturate by 10%, it is **72, 29.136, 38.437**.

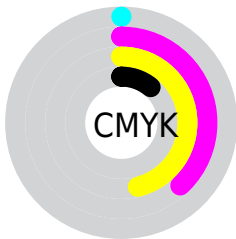
Distribution



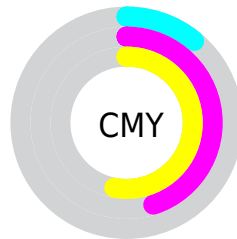
- Red (89%)
- Green (55%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (11%)



- Cyan (11%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 38.689, 38.846 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 67, 38.689, 38.846 by changing the saturation by 10% instead.

67, 38.689, 38.846

67, 38.689, 38.846

100, 38.689,
38.846

57, 38.689, 38.846

87, 38.689, 38.846

47, 38.689, 38.846

97, 38.689, 38.846

37, 38.689, 38.846

27, 38.689, 38.846

17, 38.689, 38.846

7, 38.689, 38.846

0, 38.689, 38.846

67, 38.689, 38.846

67, 38.689, 38.846

63, 48.882, 39.501

72, 29.136, 38.437

59, 59.578, 40.400

76, 20.273, 38.221

55, 70.446, 41.486

81, 12.090, 38.156

52, 80.742, 42.500

87, 4.548, 38.154

50, 88.910, 42.814

92, 2.409, 218.707

49, 91.340, 42.917

97, 8.630, 213.166

98, 9.819, 198.853

Harmonies

Complementary

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



67, 38.689, 38.846



78, 27.262, 221.106

Rectangle

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



67, 38.689, 38.846



67, 38.689, 88.846



67, 38.689, 218.846



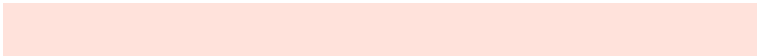
67, 38.689, 268.846

Sweetspot

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



67, 38.687, 38.850



92, 11.235, 38.156



65, 58.348, 332.971



48, 7.827, 38.156



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 38.687, 38.850



70, 53.452, 39.495



79, 40.473, 86.335



44, 4.029, 38.162



38, 75.333, 43.302



8, 22.470, 31.590

Inverse Universe

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



78, 27.262, 221.106



85, 34.331, 222.427



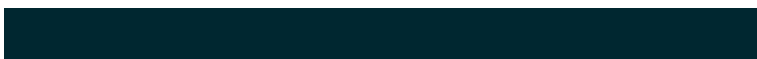
64, 40.660, 280.653



46, 3.797, 218.705



55, 33.119, 233.351



14, 13.541, 226.605

Previews

White Background



This preview shows how the CIELCh color 67, 38.689, 38.846 looks on a white background.

Color Contrast Check

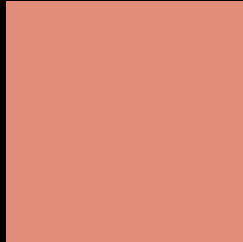
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 38.689, 38.846 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 67, 38.689, 38.846

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.689, 38.846.

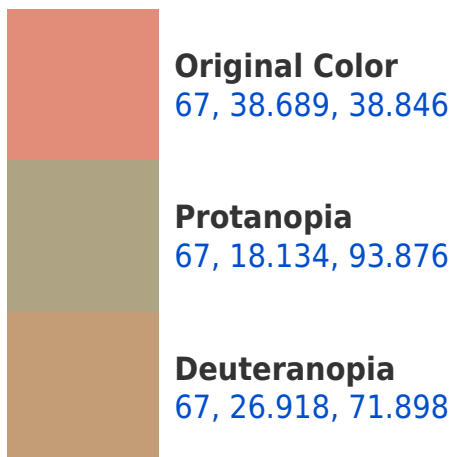


This preview shows how white text looks on a background with the CIELCh color 67, 38.689, 38.846.

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
67, 37.127, 15.075

Trichromacy



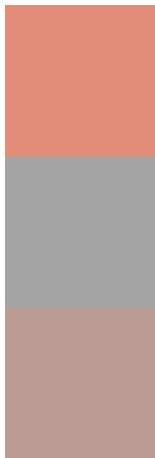
Original Color
67, 38.689, 38.846

Protanomaly
67, 22.464, 63.141

Deuteranomaly
67, 29.978, 56.345

Tritanomaly
67, 36.889, 23.209

Monochromacy



Original Color
67, 38.689, 38.846

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 13.254, 39.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.689, 38.846 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, 141, 121)` looks like.

```
.text, #text, p{  
    color:rgb(226, 141, 121)  
}
```

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, 141, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 141, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.689, 38.846 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, 141, 121) }
```

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

```
.border{ border-color:rgb(226, 141, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 141, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 141, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 141, 121);  
box-shadow:4px 4px 4px 4px rgb(226, 141,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.689, 38.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 141, 121) }
```

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

```
.background{ background-color: rgb(226,  
141, 121) }
```

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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