

Converting Colors

CIELCh(67, 38.050, 30.364)

Have a look what the booklet for
CIELCh(67, 38.050, 30.364) contains.

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Color

CIELCh(67, 38.111, 30.381)

Conversions

Conversions Part 1

Format	Color
Hex	E48B82
RGB	228, 139, 130
RGB Percent	89%, 55%, 51%
CMY	0.1053, 0.4544, 0.4897
CMYK	0.00, 0.39, 0.43, 0.11
HSL	6°, 65%, 70%
HSV	6°, 43%, 89%
XYZ	45.3259, 36.6320, 25.8426
YIQ	164.5850, 55.9330, 16.0690

Conversions

Conversions Part 2

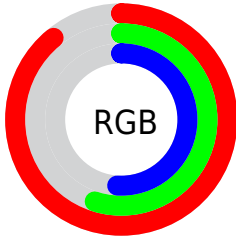
Format	Color
R _Y B	228, 140, 130
Decimal	14977922
CIE Lab	67.00, 32.88, 19.27
CIE LCh	67, 38.111, 30.381
Yxy	36.6320, 0.4205, 0.3398
Android (android.graphics.Color)	4293168002 (0xFFE48B82)
YUV	164.5850, -17.0504, 55.6150
Hunter-Lab	60.5244, 27.7586, 17.0515

Details

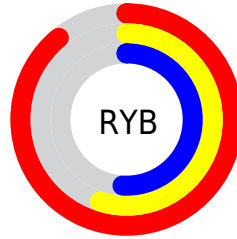
The CIELCh color **67, 38.111, 30.381** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82, 27.557, 207.663**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 24.925, 33.257**, and **47, 38.382, 29.764** is the 20% darker color. If you saturate the color by 10%, you get **62, 48.711, 31.712**, and if you desaturate by 10%, it is **72, 28.111, 29.398**.

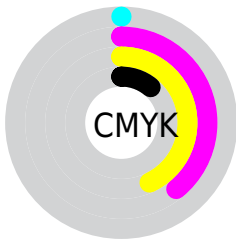
Distribution



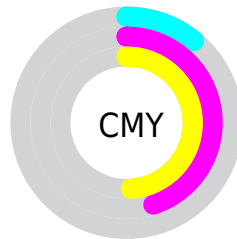
- Red (89%)
- Green (55%)
- Blue (51%)



- Red (89%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 38.111, 30.381 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, 38.111, 30.381 by changing the saturation by 10% instead.

67, 38.111, 30.381

67, 38.111, 30.381

100, 38.111,
30.381

57, 38.111, 30.381

87, 38.111, 30.381

47, 38.111, 30.381

97, 38.111, 30.381

37, 38.111, 30.381

27, 38.111, 30.381

17, 38.111, 30.381

7, 38.111, 30.381

0, 38.111, 30.381

67, 38.111, 30.381

67, 38.111, 30.381

62, 48.711, 31.712

72, 28.111, 29.398

58, 59.743, 33.441

78, 18.796, 28.680

54, 70.889, 35.573

83, 10.180, 28.154

51, 81.546, 37.932

89, 2.233, 27.602

49, 90.398, 39.920

95, 5.093, 207.780

48, 94.794, 40.875

98, 9.139, 198.900

Harmonies

Complementary

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



67, 38.111, 30.381



82, 27.557, 207.663

Rectangle

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



67, 38.111, 30.381



67, 38.111, 80.381



67, 38.111, 210.381



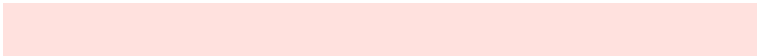
67, 38.111, 260.381

Sweetspot

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



67, 38.109, 30.385



92, 11.178, 28.160



68, 58.512, 329.240



48, 7.894, 28.264



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, 38.109, 30.385



69, 52.227, 31.615



78, 35.172, 78.140



45, 4.417, 27.997



38, 78.639, 41.083



7, 25.400, 26.641

Inverse Universe

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



82, 27.557, 207.663



90, 34.679, 207.965



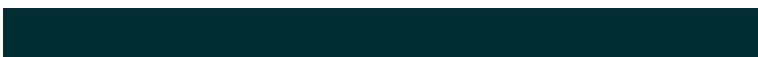
69, 33.109, 271.588



47, 4.154, 207.690



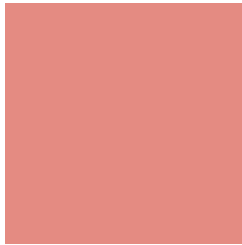
61, 34.380, 212.535



17, 14.613, 209.785

Previews

White Background



This preview shows how the CIELCh color 67, 38.111, 30.381 looks on a white background.

Color Contrast Check

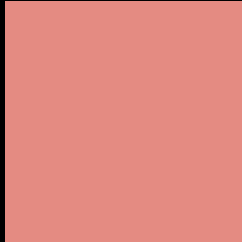
Large Text (above 18pt) WCAG AA × Fail

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 67, 38.111, 30.381 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, 38.111, 30.381

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.111, 30.381.

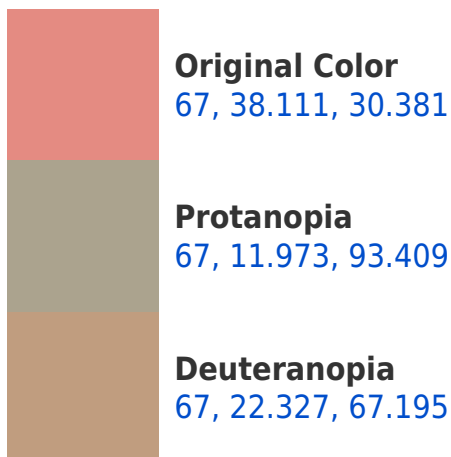


This preview shows how white text looks on a background with the CIELCh color 67, 38.111, 30.381.

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](#).

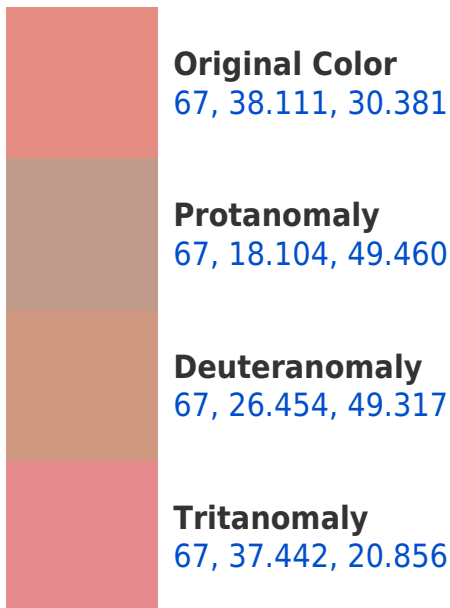
Dichromacy



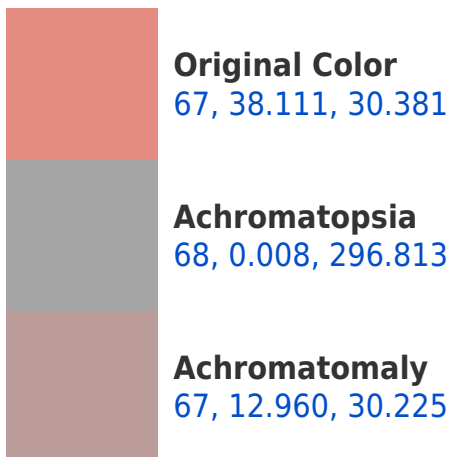


Tritanopia
67, 37.934, 15.352

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.111, 30.381 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(228, 139, 130)` looks like.

```
.text, #text, p{  
    color:rgb(228, 139, 130)  
}
```

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(228, 139, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 139, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.111, 30.381 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(228, 139, 130) }
```

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

```
.border{ border-color:rgb(228, 139, 130) }
```

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

Here you see how a box with a 4 pixel rgb(228, 139, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 139, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 139, 130);  
box-shadow:4px 4px 4px 4px rgb(228, 139,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.111, 30.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 139, 130) }
```

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

```
.background{ background-color: rgb(228,  
139, 130) }
```

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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