

Converting Colors

CIELCh(68, 39.265, 34.024)

Have a look what the booklet for
CIELCh(68, 39.265, 34.024) contains.

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Color

CIELCh(68, 39.330, 33.985)

Conversions

Conversions Part 1

Format	Color
Hex	E88E80
RGB	232, 142, 128
RGB Percent	91%, 56%, 50%
CMY	0.0910, 0.4438, 0.4987
CMYK	0.00, 0.39, 0.45, 0.09
HSL	8°, 69%, 71%
HSV	8°, 45%, 91%
XYZ	46.7484, 37.9720, 25.2303
YIQ	167.3140, 58.1340, 14.7260

Conversions

Conversions Part 2

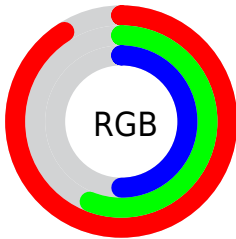
Format	Color
R _Y B	232, 144, 128
Decimal	15240832
CIE Lab	68.00, 32.61, 21.98
CIE LCh	68, 39.330, 33.985
Yxy	37.9720, 0.4252, 0.3454
Android (android.graphics.Color)	4293430912 (0xFFE88E80)
YUV	167.3140, -19.3818, 56.7296
Hunter-Lab	61.6215, 27.5793, 18.8593

Details

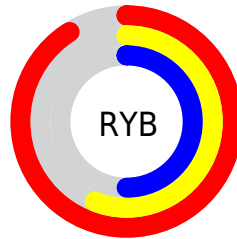
The CIELCh color **68, 39.330, 33.985** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82, 27.914, 213.205**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 24.444, 40.862**, and **48, 39.253, 33.561** is the 20% darker color. If you saturate the color by 10%, you get **63, 49.946, 35.052**, and if you desaturate by 10%, it is **73, 29.348, 33.225**.

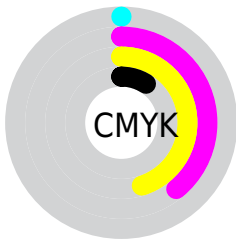
Distribution



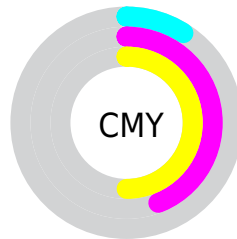
- Red (91%)
- Green (56%)
- Blue (50%)



- Red (91%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (39%)
- Yellow (45%)
- Black (9%)



- Cyan (9%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 39.330, 33.985 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, 39.330, 33.985 by changing the saturation by 10% instead.

68, 39.330, 33.985

68, 39.330, 33.985

100, 39.330,
33.985

58, 39.330, 33.985

88, 39.330, 33.985

48, 39.330, 33.985

98, 39.330, 33.985

38, 39.330, 33.985

28, 39.330, 33.985

18, 39.330, 33.985

8, 39.330, 33.985

0, 39.330, 33.985

68, 39.330, 33.985

68, 39.330, 33.985

63, 49.946, 35.052

73, 29.348, 33.225

59, 61.040, 36.452

78, 20.072, 32.702

55, 72.280, 38.157

84, 11.501, 32.359

53, 82.972, 39.939

89, 3.604, 32.068

50, 91.593, 41.153

95, 3.674, 212.347

50, 94.926, 41.568

98, 7.920, 198.988

Harmonies

Complementary

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



68, 39.330, 33.985



82, 27.914, 213.205

Rectangle

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



68, 39.330, 33.985



68, 39.330, 83.985



68, 39.330, 213.985



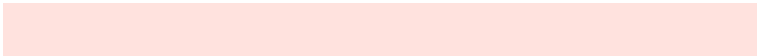
68, 39.330, 263.985

Sweetspot

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



68, 39.328, 33.989



92, 10.795, 32.311



68, 59.638, 331.036



48, 7.624, 32.371



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, 39.328, 33.989



70, 53.014, 34.983



80, 38.466, 82.364



45, 4.265, 32.217



38, 77.721, 41.864



8, 24.666, 29.146

Inverse Universe

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



82, 27.914, 213.205



88, 34.443, 213.903



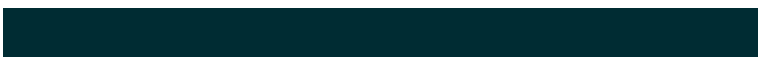
68, 37.422, 276.426



47, 4.012, 212.265



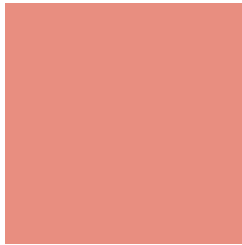
59, 33.493, 221.298



16, 14.198, 216.965

Previews

White Background



This preview shows how the CIELCh color 68, 39.330, 33.985 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, 39.330, 33.985 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, 39.330, 33.985

Background



This preview shows how black text looks on a background with the CIELCh color 68, 39.330, 33.985.

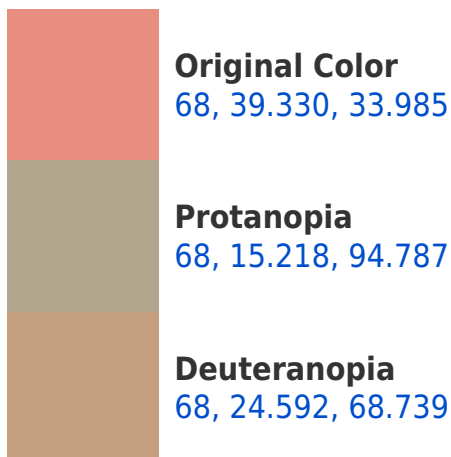


This preview shows how white text looks on a background with the CIELCh color 68, 39.330, 33.985.

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, 38.648, 15.561

Trichromacy



Original Color
68, 39.330, 33.985

Protanomaly
68, 20.402, 56.420

Deuteranomaly
68, 28.455, 52.018

Tritanomaly
68, 38.354, 22.540

Monochromacy



Original Color
68, 39.330, 33.985

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 13.463, 32.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 39.330, 33.985 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(232, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(232, 142, 128)  
}
```

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(232, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 142, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 39.330, 33.985 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(232, 142, 128) }
```

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

```
.border{ border-color:rgb(232, 142, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(232, 142,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 39.330, 33.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 142, 128) }
```

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

```
.background{ background-color: rgb(232,  
142, 128) }
```

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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