

Converting Colors

CIELCh(68, 33.788, 33.495)

Have a look what the booklet for
CIELCh(68, 33.788, 33.495) contains.

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Color

CIELCh(68, 33.652, 33.481)

Conversions

Conversions Part 1

Format	Color
Hex	E09286
RGB	224, 146, 134
RGB Percent	88%, 57%, 53%
CMY	0.1229, 0.4286, 0.4757
CMYK	0.00, 0.35, 0.40, 0.12
HSL	8°, 59%, 70%
HSV	8°, 40%, 88%
XYZ	45.1523, 37.9720, 27.3968
YIQ	167.9540, 50.3400, 12.8040

Conversions

Conversions Part 2

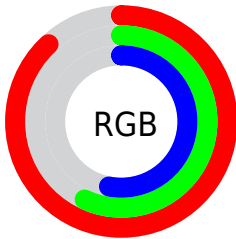
Format	Color
R _Y B	224, 148, 134
Decimal	14717574
CIE Lab	68.00, 28.07, 18.56
CIE LCh	68, 33.652, 33.481
Yxy	37.9720, 0.4085, 0.3436
Android (android.graphics.Color)	4292907654 (0xFFE09286)
YUV	167.9540, -16.7393, 49.1523
Hunter-Lab	61.6215, 22.9560, 16.7748

Details

The CIELCh color **68, 33.652, 33.481** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80, 24.913, 212.774**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 22.369, 39.792**, and **48, 33.469, 34.281** is the 20% darker color. If you saturate the color by 10%, you get **63, 43.691, 34.409**, and if you desaturate by 10%, it is **73, 24.265, 32.836**.

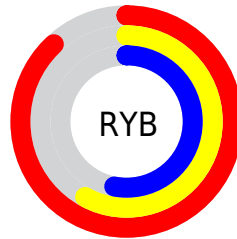
Distribution



Red (88%)

Green (57%)

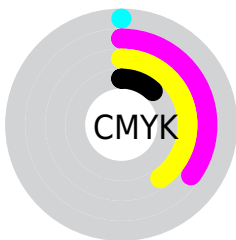
Blue (53%)



Red (88%)

Yellow (58%)

Blue (53%)

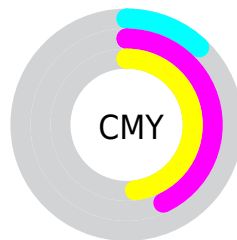


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (12%)



Cyan (12%)

Magenta (43%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 33.652, 33.481 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, 33.652, 33.481 by changing the saturation by 10% instead.

68, 33.652, 33.481

68, 33.652, 33.481

100, 33.652,
33.481

58, 33.652, 33.481

88, 33.652, 33.481

48, 33.652, 33.481

98, 33.652, 33.481

38, 33.652, 33.481

28, 33.652, 33.481

18, 33.652, 33.481

8, 33.652, 33.481

0, 33.652, 33.481

68, 33.652, 33.481

68, 33.652, 33.481

63, 43.691, 34.409

73, 24.265, 32.836

■ 59, 54.282, 35.655

■ 78, 15.569, 32.399

■ 55, 65.192, 37.237

■ 84, 7.547, 32.106

■ 52, 75.954, 39.043

■ 89, 0.155, 28.178

■ 50, 85.549, 40.661

■ 94, 6.663, 212.128

■ 48, 92.389, 41.578

■ 98, 10.609,
198.798

Harmonies

Complementary

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



68, 33.652, 33.481



80, 24.913, 212.774

Rectangle

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



68, 33.652, 33.481



68, 33.652, 83.481



68, 33.652, 213.481



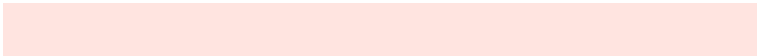
68, 33.652, 263.481

Sweetspot

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



68, 33.650, 33.486



93, 9.933, 32.155



68, 52.314, 330.744



49, 6.625, 32.190



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, 33.650, 33.486



73, 46.118, 34.213



79, 33.350, 83.032



44, 4.191, 32.085



38, 76.904, 41.855



7, 23.317, 28.085

Inverse Universe

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



80, 24.913, 212.774



89, 31.724, 213.255



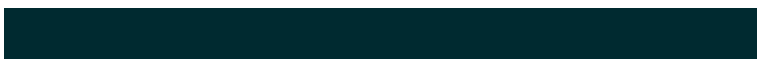
68, 32.505, 275.288



46, 3.943, 212.124



58, 33.155, 220.997



15, 13.771, 216.483

Previews

White Background



This preview shows how the CIELCh color 68, 33.652, 33.481 looks on a white background.

Color Contrast Check

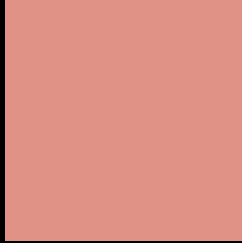
Large Text (above 18pt) WCAG AA × Fail

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 68, 33.652, 33.481 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, 33.652, 33.481

Background



This preview shows how black text looks on a background with the CIELCh color 68, 33.652, 33.481.



This preview shows how white text looks on a background with the CIELCh color 68, 33.652, 33.481.

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



Original Color

68, 33.652, 33.481

Protanopia

68, 12.992, 94.564

Deuteranopia

68, 21.410, 65.513



Tritanopia
68, 33.249, 13.554

Trichromacy



Original Color
68, 33.652, 33.481

Protanomaly
68, 17.210, 57.273

Deuteranomaly
68, 24.870, 49.677

Tritanomaly
68, 33.089, 20.877

Monochromacy



Original Color
68, 33.652, 33.481

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 11.293, 31.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 33.652, 33.481 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(224, 146, 134)` looks like.

```
.text, #text, p{  
    color:rgb(224, 146, 134)  
}
```

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(224, 146, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 146, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 33.652, 33.481 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(224, 146, 134) }
```

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

```
.border{ border-color:rgb(224, 146, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 146, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 146, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 146, 134);  
box-shadow:4px 4px 4px 4px rgb(224, 146,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 33.652, 33.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 146, 134) }
```

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

```
.background{ background-color: rgb(224,  
146, 134) }
```

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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