

Converting Colors

CIELCh(68, 37.971, 47.198)

Have a look what the booklet for
CIELCh(68, 37.971, 47.198) contains.

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Color

CIELCh(68, 37.911, 47.197)

Conversions

Conversions Part 1

Format	Color
Hex	E09375
RGB	224, 147, 117
RGB Percent	88%, 58%, 46%
CMY	0.1218, 0.4237, 0.5414
CMYK	0.00, 0.34, 0.48, 0.12
HSL	17°, 63%, 67%
HSV	17°, 48%, 88%
XYZ	44.3556, 37.9720, 21.8055
YIQ	166.6030, 55.5220, 6.9940

Conversions

Conversions Part 2

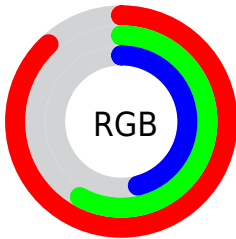
Format	Color
R _Y B	224, 159, 117
Decimal	14717813
CIE Lab	68.00, 25.76, 27.82
CIE LCh	68, 37.911, 47.197
Yxy	37.9720, 0.4260, 0.3646
Android (android.graphics.Color)	4292907893 (0xFFE09375)
YUV	166.6030, -24.4543, 50.3372
Hunter-Lab	61.6215, 20.6481, 22.1545

Details

The CIELCh color **68, 37.911, 47.197** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **75, 27.394, 234.668**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 27.668, 57.434**, and **48, 38.064, 47.620** is the 20% darker color. If you saturate the color by 10%, you get **64, 47.621, 47.149**, and if you desaturate by 10%, it is **72, 28.809, 47.396**.

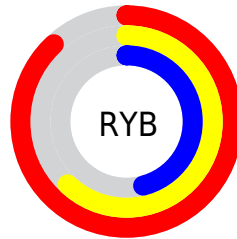
Distribution



Red (88%)

Green (58%)

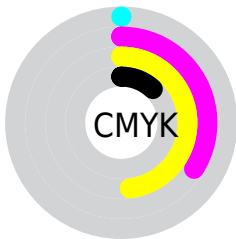
Blue (46%)



Red (88%)

Yellow (62%)

Blue (46%)

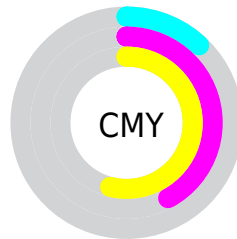


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (12%)



Cyan (12%)

Magenta (42%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 37.911, 47.197 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, 37.911, 47.197 by changing the saturation by 10% instead.

 68, 37.911, 47.197

 68, 37.911, 47.197

 100, 37.911,
47.197

 58, 37.911, 47.197

 88, 37.911, 47.197

 48, 37.911, 47.197

 98, 37.911, 47.197

 38, 37.911, 47.197

 28, 37.911, 47.197

 18, 37.911, 47.197

 8, 37.911, 47.197

 0, 37.911, 47.197

 68, 37.911, 47.197

 68, 37.911, 47.197

 64, 47.621, 47.149

 72, 28.809, 47.396

60, 57.810, 47.221

77, 20.350, 47.717

57, 68.135, 47.321

81, 12.517, 48.135

54, 77.812, 47.176

86, 5.266, 48.590

52, 85.449, 46.286

90, 1.456, 229.658

51, 87.000, 46.129

95, 7.707, 229.962

98, 10.519,
198.804

Harmonies

Complementary

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



68, 37.911, 47.197



75, 27.394, 234.668

Rectangle

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



68, 37.911, 47.197



68, 37.911, 97.197



68, 37.911, 227.197



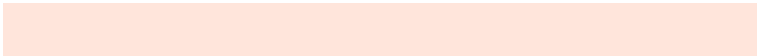
68, 37.911, 277.197

Sweetspot

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



68, 37.910, 47.202



93, 10.797, 48.304



64, 56.184, 336.493



48, 7.518, 48.203



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, 37.910, 47.202



72, 52.131, 47.148



81, 44.098, 92.431



45, 3.877, 48.518



40, 72.224, 46.635



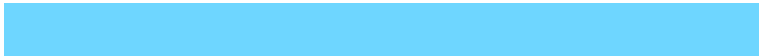
9, 21.238, 38.108

Inverse Universe

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



75, 27.394, 234.668



81, 34.768, 236.792



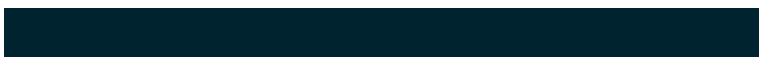
60, 46.443, 286.407



45, 3.678, 229.858



50, 35.948, 252.182



12, 13.998, 242.888

Previews

White Background



This preview shows how the CIELCh color 68, 37.911, 47.197 looks on a white background.

Color Contrast Check

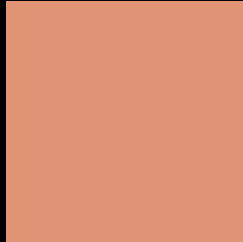
Large Text (above 18pt) WCAG AA × Fail

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, 37.911, 47.197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

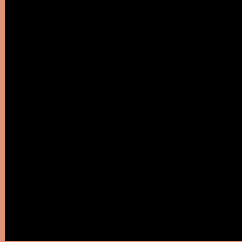
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 37.911, 47.197

Background



This preview shows how black text looks on a background with the CIELCh color 68, 37.911, 47.197.



This preview shows how white text looks on a background with the CIELCh color 68, 37.911, 47.197.

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](#).

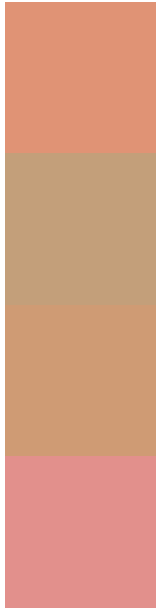
Dichromacy





Tritanopia
68, 34.493, 13.155

Trichromacy



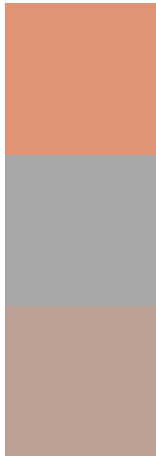
Original Color
68, 37.911, 47.197

Protanomaly
68, 25.661, 71.479

Deuteranomaly
68, 31.522, 62.577

Tritanomaly
68, 34.122, 26.340

Monochromacy



Original Color
68, 37.911, 47.197

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.803, 48.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 37.911, 47.197 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, 147, 117)` looks like.

```
.text, #text, p{  
    color:rgb(224, 147, 117)  
}
```

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, 147, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 147, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 37.911, 47.197 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, 147, 117) }
```

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

```
.border{ border-color:rgb(224, 147, 117) }
```

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

Here you see how a box with a 4 pixel rgb(224, 147, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 147, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 147, 117);  
box-shadow:4px 4px 4px 4px rgb(224, 147,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 37.911, 47.197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 147, 117) }
```

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

```
.background{ background-color: rgb(224,  
147, 117) }
```

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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