

Converting Colors

CIELCh(68, 33.600, 43.264)

Have a look what the booklet for
CIELCh(68, 33.600, 43.264) contains.

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Color

CIELCh(68, 33.443, 42.730)

Conversions

Conversions Part 1

Format	Color
Hex	DC947E
RGB	220, 148, 126
RGB Percent	86%, 58%, 49%
CMY	0.1367, 0.4190, 0.5054
CMYK	0.00, 0.33, 0.43, 0.14
HSL	14°, 57%, 68%
HSV	14°, 43%, 86%
XYZ	43.9472, 37.9720, 24.7965
YIQ	167.0200, 49.9740, 8.4220

Conversions

Conversions Part 2

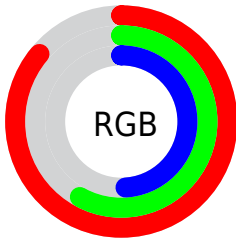
Format	Color
RYB	220, 155, 126
Decimal	14455934
CIELab	68.00, 24.57, 22.69
CIELCh	68, 33.443, 42.730
Yxy	37.9720, 0.4118, 0.3558
Android (android.graphics.Color)	4292646014 (0xFFDC947E)
YUV	167.0200, -20.2229, 46.4635
Hunter-Lab	61.6215, 19.4652, 19.2767

Details

The CIELCh color **68, 33.443, 42.730** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76, 24.676, 226.939**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 24.321, 50.056**, and **48, 33.121, 43.022** is the 20% darker color. If you saturate the color by 10%, you get **64, 42.956, 42.955**, and if you desaturate by 10%, it is **72, 24.577, 42.694**.

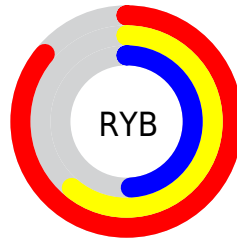
Distribution



Red (86%)

Green (58%)

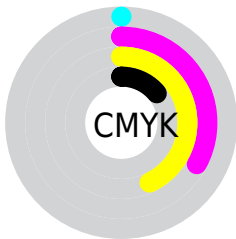
Blue (49%)



Red (86%)

Yellow (61%)

Blue (49%)

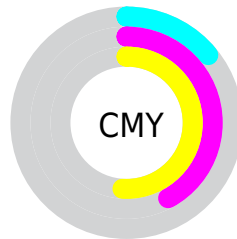


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (14%)



Cyan (14%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 33.443, 42.730 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, 33.443, 42.730 by changing the saturation by 10% instead.

68, 33.443, 42.730

68, 33.443, 42.730

100, 33.443,
42.730

58, 33.443, 42.730

88, 33.443, 42.730

48, 33.443, 42.730

98, 33.443, 42.730

38, 33.443, 42.730

28, 33.443, 42.730

18, 33.443, 42.730

8, 33.443, 42.730

0, 33.443, 42.730

68, 33.443, 42.730

68, 33.443, 42.730

64, 42.956, 42.955

72, 24.577, 42.694

60, 53.040, 43.368

77, 16.371, 42.799

56, 63.474, 43.938

82, 8.794, 43.007

53, 73.743, 44.501

87, 1.798, 43.083

51, 82.704, 44.615

91, 4.674, 223.920

49, 87.832, 44.334

96, 10.185,
215.554

98, 11.753,
198.721

Harmonies

Complementary

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



68, 33.443, 42.730



76, 24.676, 226.939

Rectangle

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



68, 33.443, 42.730



68, 33.443, 92.730



68, 33.443, 222.730



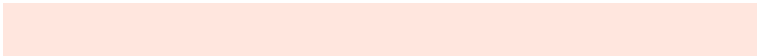
68, 33.443, 272.730

Sweetspot

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



68, 33.442, 42.735



93, 10.153, 42.997



65, 51.078, 334.669



48, 7.169, 42.946



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, 33.442, 42.735



74, 46.592, 42.916



80, 37.838, 90.714



44, 3.865, 43.082



39, 73.080, 44.777



7, 20.510, 33.563

Inverse Universe

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



76, 24.676, 226.939



85, 31.867, 228.294



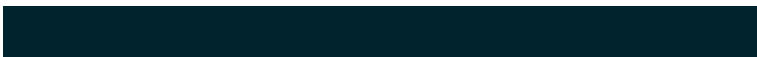
63, 38.914, 283.166



45, 3.652, 224.017



52, 33.680, 242.684



12, 13.174, 234.020

Previews

White Background



This preview shows how the CIELCh color 68, 33.443, 42.730 looks on a white background.

Color Contrast Check

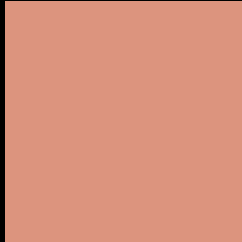
Large Text (above 18pt) WCAG AA × Fail

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, 33.443, 42.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

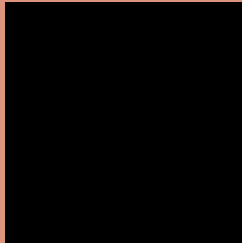
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 33.443, 42.730

Background



This preview shows how black text looks on a background with the CIELCh color 68, 33.443, 42.730.

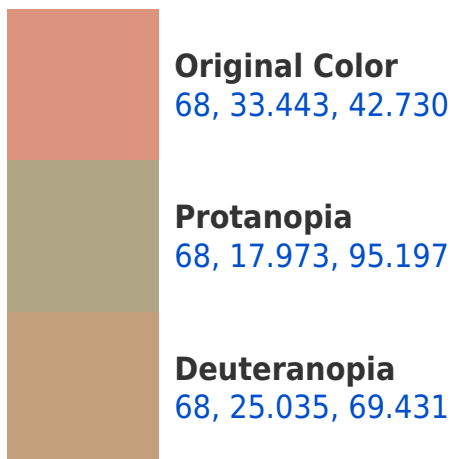


This preview shows how white text looks on a background with the CIELCh color 68, 33.443, 42.730.

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, 32.020, 12.062

Trichromacy



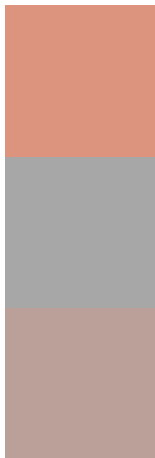
Original Color
68, 33.443, 42.730

Protanomaly
68, 20.939, 68.914

Deuteranomaly
68, 27.271, 57.357

Tritanomaly
68, 31.175, 23.451

Monochromacy



Original Color
68, 33.443, 42.730

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.269, 43.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 33.443, 42.730 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(220, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(220, 148, 126)  
}
```

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(220, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 148, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 33.443, 42.730 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(220, 148, 126) }
```

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

```
.border{ border-color:rgb(220, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(220, 148,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 33.443, 42.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 148, 126) }
```

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

```
.background{ background-color: rgb(220,  
148, 126) }
```

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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