

Converting Colors

CIELCh(67, 38.499, 46.938)

Have a look what the booklet for
CIELCh(67, 38.499, 46.938) contains.

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Color

CIELCh(67, 38.499, 46.938)

Conversions

Conversions Part 1

Format	Color
Hex	DE9072
RGB	222, 144, 114
RGB Percent	87%, 56%, 45%
CMY	0.1299, 0.4357, 0.5534
CMYK	0.00, 0.35, 0.49, 0.13
HSL	17°, 62%, 66%
HSV	17°, 49%, 87%
XYZ	43.0701, 36.6320, 20.6864
YIQ	163.9020, 56.1180, 7.2060

Conversions

Conversions Part 2

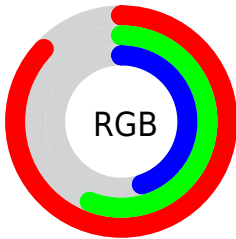
Format	Color
R _{YB}	222, 156, 114
Decimal	14585970
CIE Lab	67.00, 26.29, 28.13
CIE LCh	67, 38.499, 46.938
Yxy	36.6320, 0.4290, 0.3649
Android (android.graphics.Color)	4292776050 (0xFFDE9072)
YUV	163.9020, -24.6017, 50.9519
Hunter-Lab	60.5244, 21.1058, 22.1025

Details

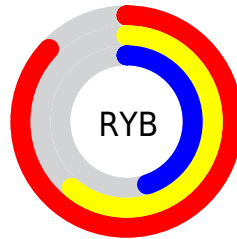
The CIELCh color **67, 38.499, 46.938** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **74, 27.580, 234.447**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 28.769, 55.971**, and **47, 38.408, 46.718** is the 20% darker color. If you saturate the color by 10%, you get **63, 48.198, 46.922**, and if you desaturate by 10%, it is **71, 29.398, 47.107**.

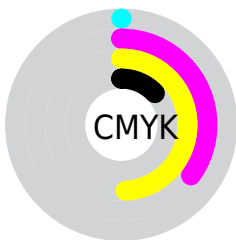
Distribution



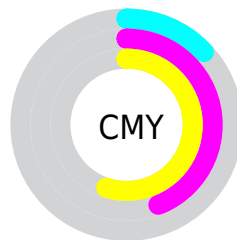
- Red (87%)
- Green (56%)
- Blue (45%)



- Red (87%)
- Yellow (61%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (49%)
- Black (13%)



- Cyan (13%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 38.499, 46.938 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, 38.499, 46.938 by changing the saturation by 10% instead.

67, 38.499, 46.938

67, 38.499, 46.938

100, 38.499,
46.938

57, 38.499, 46.938

87, 38.499, 46.938

47, 38.499, 46.938

97, 38.499, 46.938

37, 38.499, 46.938

27, 38.499, 46.938

17, 38.499, 46.938

7, 38.499, 46.938

0, 38.499, 46.938

67, 38.499, 46.938

67, 38.499, 46.938

63, 48.198, 46.922

71, 29.398, 47.107

59, 58.355, 47.026

75, 20.938, 47.402

56, 68.603, 47.147

80, 13.102, 47.798

53, 78.112, 46.989

84, 5.850, 48.243

51, 85.557, 46.109

89, 0.870, 229.540

51, 86.491, 46.034

94, 7.116, 229.580

98, 11.196,
198.758

Harmonies

Complementary

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



67, 38.499, 46.938



74, 27.580, 234.447

Rectangle

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



67, 38.499, 46.938



67, 38.499, 96.938



67, 38.499, 226.938



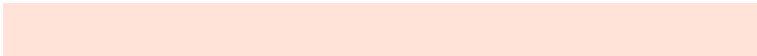
67, 38.499, 276.938

Sweetspot

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



67, 38.498, 46.943



92, 11.622, 47.956



63, 56.706, 336.568



48, 7.996, 47.861



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, 38.498, 46.943



72, 53.301, 46.921



80, 44.571, 92.319



45, 3.880, 48.210



40, 72.321, 46.519



8, 21.271, 37.895

Inverse Universe

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



74, 27.580, 234.447



81, 35.175, 236.630



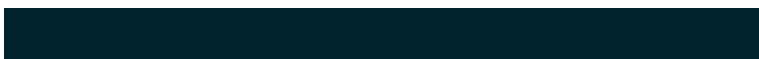
59, 47.018, 286.614



45, 3.679, 229.528



50, 35.818, 251.675



12, 13.970, 242.429

Previews

White Background



This preview shows how the CIELCh color 67, 38.499, 46.938 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, 38.499, 46.938 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, 38.499, 46.938

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.499, 46.938.



This preview shows how white text looks on a background with the CIELCh color 67, 38.499, 46.938.

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
67, 38.499, 46.938

Protanopia
67, 23.011, 95.196

Deuteranopia
67, 30.267, 73.629



Tritanopia
67, 35.023, 14.286

Trichromacy



Original Color
67, 38.499, 46.938

Protanomaly
67, 25.767, 71.410

Deuteranomaly
67, 32.410, 62.595

Tritanomaly
67, 34.828, 27.262

Monochromacy



Original Color
67, 38.499, 46.938

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 12.857, 48.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.499, 46.938 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(222, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(222, 144, 114)  
}
```

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(222, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 144, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.499, 46.938 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(222, 144, 114) }
```

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

```
.border{ border-color:rgb(222, 144, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(222, 144,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.499, 46.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 144, 114) }
```

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

```
.background{ background-color: rgb(222,  
144, 114) }
```

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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