

Converting Colors

CIELCh(68, 40.426, 52.240)

Have a look what the booklet for
CIELCh(68, 40.426, 52.240) contains.

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Color

CIELCh(68, 40.519, 52.830)

Conversions

Conversions Part 1

Format	Color
Hex	E0946D
RGB	224, 148, 109
RGB Percent	88%, 58%, 43%
CMY	0.1229, 0.4208, 0.5737
CMYK	0.00, 0.34, 0.51, 0.12
HSL	20°, 65%, 65%
HSV	20°, 51%, 88%
XYZ	43.9182, 37.9720, 19.3996
YIQ	166.2780, 57.8150, 3.9830

Conversions

Conversions Part 2

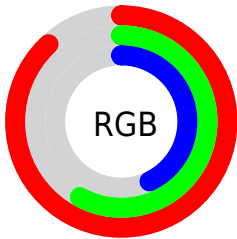
Format	Color
RYB	224, 168, 109
Decimal	14718061
CIELab	68.00, 24.48, 32.29
CIELCh	68, 40.519, 52.830
Yxy	37.9720, 0.4336, 0.3749
Android (android.graphics.Color)	4292908141 (0xFFE0946D)
YUV	166.2780, -28.2381, 50.6222
Hunter-Lab	61.6215, 19.3812, 24.4694

Details

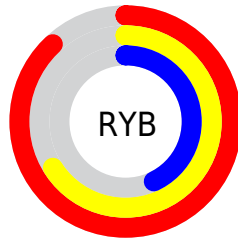
The CIELCh color **68, 40.519, 52.830** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72, 29.728, 244.287**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 30.729, 64.081**, and **48, 40.526, 52.681** is the 20% darker color. If you saturate the color by 10%, you get **64, 50.092, 52.373**, and if you desaturate by 10%, it is **72, 31.465, 53.377**.

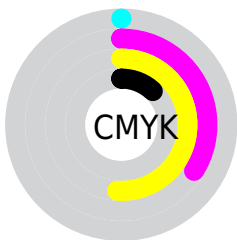
Distribution



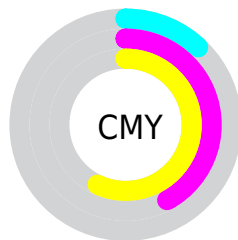
- Red (88%)
- Green (58%)
- Blue (43%)



- Red (88%)
- Yellow (66%)
- Blue (43%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (12%)



- Cyan (12%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 40.519, 52.830 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, 40.519, 52.830 by changing the saturation by 10% instead.

68, 40.519, 52.830

68, 40.519, 52.830

100, 40.519,
52.830

58, 40.519, 52.830

88, 40.519, 52.830

48, 40.519, 52.830

98, 40.519, 52.830

38, 40.519, 52.830

28, 40.519, 52.830

18, 40.519, 52.830

8, 40.519, 52.830

0, 40.519, 52.830

68, 40.519, 52.830

68, 40.519, 52.830

64, 50.092, 52.373

72, 31.465, 53.377

61, 59.995, 51.945

76, 22.994, 54.005

58, 69.757, 51.402

80, 15.104, 54.703

55, 78.388, 50.392

84, 7.759, 55.438

53, 84.197, 49.002

88, 0.913, 55.737

93, 5.487, 237.242

97, 9.469, 210.950

98, 10.614,
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, 40.519, 52.830



72, 29.728, 244.287

Rectangle

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



68, 40.519, 52.830



68, 40.519, 102.830



68, 40.519, 232.830



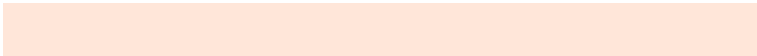
68, 40.519, 282.830

Sweetspot

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



68, 40.518, 52.835



93, 11.513, 55.164



62, 57.381, 339.949



49, 7.915, 55.007



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, 40.518, 52.835



72, 56.458, 52.328



82, 49.964, 96.395



45, 3.850, 55.578



42, 69.975, 49.577



9, 20.542, 43.287

Inverse Universe

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



72, 29.728, 244.287



77, 38.274, 247.439



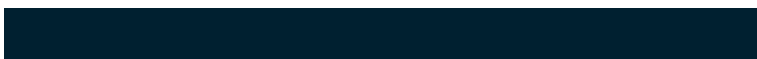
56, 54.720, 290.876



45, 3.677, 237.374



47, 39.558, 262.863



11, 14.842, 252.882

Previews

White Background



This preview shows how the CIELCh color 68, 40.519, 52.830 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, 40.519, 52.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

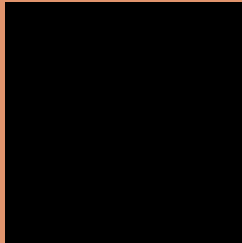
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 40.519, 52.830

Background



This preview shows how black text looks on a background with the CIELCh color 68, 40.519, 52.830.



This preview shows how white text looks on a background with the CIELCh color 68, 40.519, 52.830.

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, 40.519, 52.830

Protanomaly
68, 29.865, 76.215

Deuteranomaly
68, 35.544, 65.883

Tritanomaly
68, 34.552, 28.947

Monochromacy



Original Color
68, 40.519, 52.830

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 13.756, 53.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 40.519, 52.830 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, 148, 109)` looks like.

```
.text, #text, p{  
    color:rgb(224, 148, 109)  
}
```

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, 148, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 148, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 40.519, 52.830 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, 148, 109) }
```

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

```
.border{ border-color:rgb(224, 148, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 148, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 148, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 148, 109);  
box-shadow:4px 4px 4px 4px rgb(224, 148,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 40.519, 52.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 148, 109) }
```

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

```
.background{ background-color: rgb(224,  
148, 109) }
```

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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