

Converting Colors

CIELCh(72, 39.323, 49.197)

Have a look what the booklet for
CIELCh(72, 39.323, 49.197) contains.

CIELCh(72, 38.936, 49.468)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 38.936, 49.468)

Conversions

Conversions Part 1

Format	Color
Hex	EC9E7C
RGB	236, 158, 124
RGB Percent	93%, 62%, 49%
CMY	0.0752, 0.3810, 0.5143
CMYK	0.00, 0.33, 0.47, 0.08
HSL	18°, 74%, 71%
HSV	18°, 47%, 92%
XYZ	50.3675, 43.6590, 24.7941
YIQ	177.4460, 57.4020, 5.9620

Conversions

Conversions Part 2

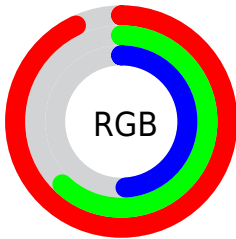
Format	Color
R _Y B	236, 173, 124
Decimal	15507068
CIE Lab	72.00, 25.30, 29.59
CIE LCh	72, 38.936, 49.468
Yxy	43.6590, 0.4239, 0.3674
Android (android.graphics.Color)	4293697148 (0xFFEC9E7C)
YUV	177.4460, -26.3489, 51.3519
Hunter-Lab	66.0750, 20.4354, 24.0044

Details

The CIELCh color **72, 38.936, 49.468** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78, 28.585, 238.115**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 25.212, 67.512**, and **52, 38.715, 49.284** is the 20% darker color. If you saturate the color by 10%, you get **68, 48.927, 49.240**, and if you desaturate by 10%, it is **76, 29.563, 49.825**.

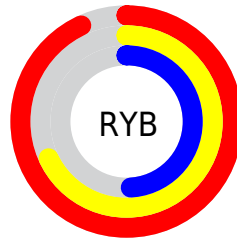
Distribution



Red (93%)

Green (62%)

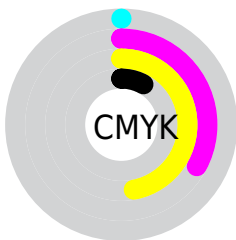
Blue (49%)



Red (93%)

Yellow (68%)

Blue (49%)

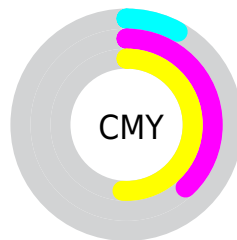


Cyan (0%)

Magenta (33%)

Yellow (47%)

Black (8%)



Cyan (8%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 38.936, 49.468 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 72, 38.936, 49.468 by changing the saturation by 10% instead.

72, 38.936, 49.468

72, 38.936, 49.468

100, 38.936,
49.468

62, 38.936, 49.468

92, 38.936, 49.468

52, 38.936, 49.468

42, 38.936, 49.468

32, 38.936, 49.468

22, 38.936, 49.468

12, 38.936, 49.468

2, 38.936, 49.468

0, 38.936, 49.468

72, 38.936, 49.468

72, 38.936, 49.468

68, 48.927, 49.240

76, 29.563, 49.825

64, 59.404, 49.105

81, 20.842, 50.286

61, 70.011, 48.970

85, 12.755, 50.830

58, 79.934, 48.563

90, 5.255, 51.396

55, 87.715, 47.374

95, 1.714, 232.517

54, 89.461, 47.087

99, 6.571, 199.090

Harmonies

Complementary

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



72, 38.936, 49.468



78, 28.585, 238.115

Rectangle

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



72, 38.936, 49.468



72, 38.936, 99.468



72, 38.936, 229.468



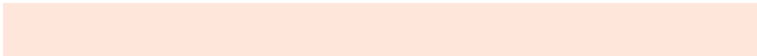
72, 38.936, 279.468

Sweetspot

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



72, 38.935, 49.473



93, 10.742, 51.027



67, 56.984, 337.982



49, 7.478, 50.902



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 38.935, 49.473



73, 51.648, 49.244



86, 46.995, 94.715



47, 4.004, 51.290



42, 72.930, 47.651



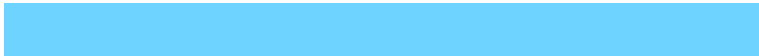
10, 23.515, 41.741

Inverse Universe

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



78, 28.585, 238.115



80, 35.103, 240.441



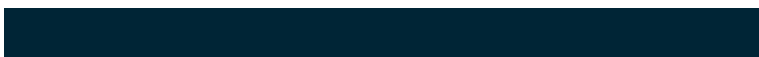
62, 50.246, 288.257



47, 3.806, 232.826



50, 38.058, 256.708



13, 15.306, 248.069

Previews

White Background



This preview shows how the CIELCh color 72, 38.936, 49.468 looks on a white background.

Color Contrast Check

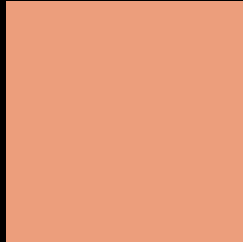
Large Text (above 18pt) WCAG AA × Fail

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 72, 38.936, 49.468 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 72, 38.936, 49.468

Background



This preview shows how black text looks on a background with the CIELCh color 72, 38.936, 49.468.



This preview shows how white text looks on a background with the CIELCh color 72, 38.936, 49.468.

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](#).

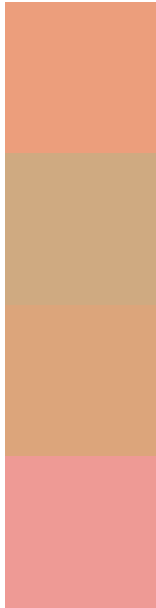
Dichromacy





Tritanopia
72, 34.894, 12.346

Trichromacy



Original Color
72, 38.936, 49.468

Protanomaly
72, 27.371, 73.325

Deuteranomaly
72, 33.264, 63.008

Tritanomaly
72, 34.612, 27.000

Monochromacy



Original Color
72, 38.936, 49.468

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 12.923, 50.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 38.936, 49.468 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(236, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(236, 158, 124)  
}
```

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(236, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 158, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 38.936, 49.468 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(236, 158, 124) }
```

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

```
.border{ border-color:rgb(236, 158, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(236, 158,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 38.936, 49.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 158, 124) }
```

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

```
.background{ background-color: rgb(236,  
158, 124) }
```

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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