

Converting Colors

CIELCh(72, 36.831, 47.361)

Have a look what the booklet for
CIELCh(72, 36.831, 47.361) contains.

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Color

CIELCh(72, 36.868, 47.491)

Conversions

Conversions Part 1

Format	Color
Hex	EA9E80
RGB	234, 158, 128
RGB Percent	92%, 62%, 50%
CMY	0.0811, 0.3793, 0.4970
CMYK	0.00, 0.32, 0.45, 0.08
HSL	17°, 72%, 71%
HSV	17°, 45%, 92%
XYZ	50.2214, 43.6590, 26.2942
YIQ	177.3040, 54.9260, 6.7820

Conversions

Conversions Part 2

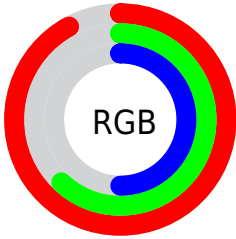
Format	Color
RYB	234, 170, 128
Decimal	15376000
CIELab	72.00, 24.91, 27.18
CIELCh	72, 36.868, 47.491
Yxy	43.6590, 0.4179, 0.3633
Android (android.graphics.Color)	4293566080 (0xFFEA9E80)
YUV	177.3040, -24.3069, 49.7224
Hunter-Lab	66.0750, 20.0408, 22.6583

Details

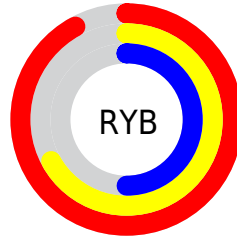
The CIELCh color **72, 36.868, 47.491** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **78, 27.201, 234.602**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 23.608, 64.529**, and **52, 37.234, 47.634** is the 20% darker color. If you saturate the color by 10%, you get **68, 46.783, 47.389**, and if you desaturate by 10%, it is **76, 27.598, 47.741**.

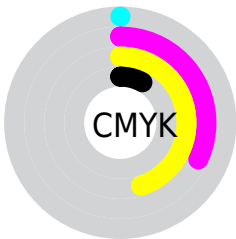
Distribution



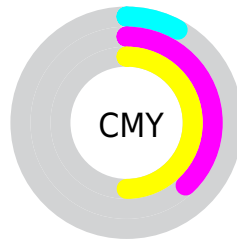
- Red (92%)
- Green (62%)
- Blue (50%)



- Red (92%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (45%)
- Black (8%)



- Cyan (8%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 36.868, 47.491 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, 36.868, 47.491 by changing the saturation by 10% instead.

72, 36.868, 47.491

72, 36.868, 47.491

100, 36.868,
47.491

62, 36.868, 47.491

92, 36.868, 47.491

52, 36.868, 47.491

42, 36.868, 47.491

32, 36.868, 47.491

22, 36.868, 47.491

12, 36.868, 47.491

2, 36.868, 47.491

0, 36.868, 47.491

72, 36.868, 47.491

72, 36.868, 47.491

68, 46.783, 47.389

76, 27.598, 47.741

64, 57.242, 47.413

81, 18.994, 48.105

60, 67.954, 47.496

86, 11.030, 48.555

57, 78.239, 47.417

90, 3.655, 48.997

55, 86.706, 46.666

95, 3.187, 229.938

53, 89.984, 46.162

99, 7.083, 199.051

Harmonies

Complementary

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



72, 36.868, 47.491



78, 27.201, 234.602

Rectangle

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



72, 36.868, 47.491



72, 36.868, 97.491



72, 36.868, 227.491



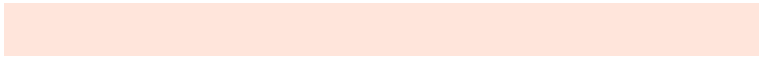
72, 36.868, 277.491

Sweetspot

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



72, 36.867, 47.496



93, 10.790, 48.612



68, 55.450, 336.290



48, 7.512, 48.509



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, 36.867, 47.496



74, 48.781, 47.393



84, 43.364, 92.743



47, 4.019, 48.831



42, 73.727, 46.686



10, 23.776, 40.078

Inverse Universe

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



78, 27.201, 234.602



82, 33.437, 236.485



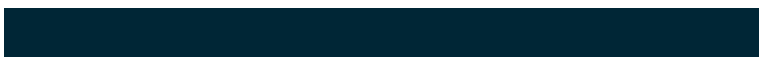
64, 45.473, 285.846



47, 3.813, 230.198



51, 36.886, 252.811



14, 15.011, 244.441

Previews

White Background



This preview shows how the CIELCh color 72, 36.868, 47.491 looks on a white background.

Color Contrast Check

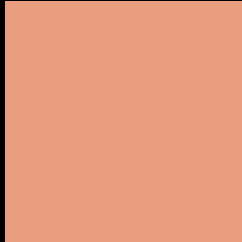
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 36.868, 47.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

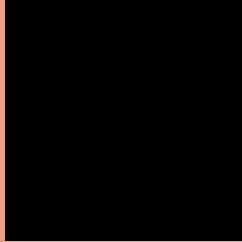
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 36.868, 47.491

Background



This preview shows how black text looks on a background with the CIELCh color 72, 36.868, 47.491.



This preview shows how white text looks on a background with the CIELCh color 72, 36.868, 47.491.

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

72, 36.868, 47.491

Protanopia

72, 22.671, 95.452

Deuteranopia

72, 29.365, 71.639



Tritanopia
72, 33.675, 11.809

Trichromacy



Original Color
72, 36.868, 47.491

Protanomaly
72, 25.029, 72.476

Deuteranomaly
72, 31.316, 61.127

Tritanomaly
72, 33.074, 25.241

Monochromacy



Original Color
72, 36.868, 47.491

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 12.259, 49.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 36.868, 47.491 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(234, 158, 128)` looks like.

```
.text, #text, p{  
    color:rgb(234, 158, 128)  
}
```

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(234, 158, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 158, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 36.868, 47.491 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(234, 158, 128) }
```

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

```
.border{ border-color:rgb(234, 158, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 158, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 158, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 158, 128);  
box-shadow:4px 4px 4px 4px rgb(234, 158,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 36.868, 47.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 158, 128) }
```

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

```
.background{ background-color: rgb(234,  
158, 128) }
```

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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