

Converting Colors

CIELCh(72, 40.161, 48.668)

Have a look what the booklet for
CIELCh(72, 40.161, 48.668) contains.

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Color

CIELCh(72, 40.161, 48.668)

Conversions

Conversions Part 1

Format	Color
Hex	EE9D7B
RGB	238, 157, 123
RGB Percent	93%, 62%, 48%
CMY	0.0672, 0.3847, 0.5181
CMYK	0.00, 0.34, 0.48, 0.07
HSL	18°, 77%, 71%
HSV	18°, 48%, 93%
XYZ	50.8244, 43.6590, 24.4524
YIQ	177.3430, 59.1900, 6.5980

Conversions

Conversions Part 2

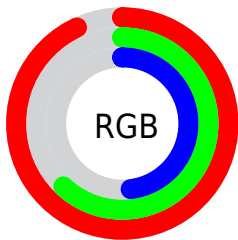
Format	Color
R _Y B	238, 171, 123
Decimal	15637883
CIE Lab	72.00, 26.52, 30.16
CIE LCh	72, 40.161, 48.668
Yxy	43.6590, 0.4273, 0.3671
Android (android.graphics.Color)	4293827963 (0xFFEE9D7B)
YUV	177.3430, -26.7911, 53.1962
Hunter-Lab	66.0750, 21.6697, 24.3110

Details

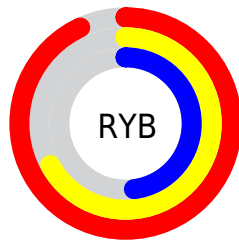
The CIELCh color **72, 40.161, 48.668** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **78, 29.128, 237.115**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 25.515, 66.838**, and **52, 40.057, 48.476** is the 20% darker color. If you saturate the color by 10%, you get **68, 50.317, 48.511**, and if you desaturate by 10%, it is **76, 30.628, 48.962**.

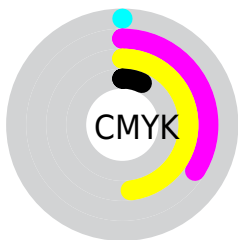
Distribution



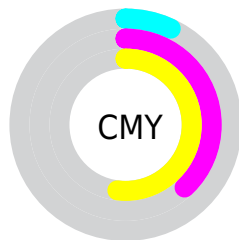
- Red (93%)
- Green (62%)
- Blue (48%)



- Red (93%)
- Yellow (67%)
- Blue (48%)



- Cyan (0%)
- Magenta (34%)
- Yellow (48%)
- Black (7%)



- Cyan (7%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 40.161, 48.668 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, 40.161, 48.668 by changing the saturation by 10% instead.

72, 40.161, 48.668

72, 40.161, 48.668

100, 40.161,
48.668

62, 40.161, 48.668

92, 40.161, 48.668

52, 40.161, 48.668

42, 40.161, 48.668

32, 40.161, 48.668

22, 40.161, 48.668

12, 40.161, 48.668

2, 40.161, 48.668

0, 40.161, 48.668

72, 40.161, 48.668

72, 40.161, 48.668

68, 50.317, 48.511

76, 30.628, 48.962

64, 60.949, 48.451

81, 21.760, 49.368

61, 71.669, 48.387

85, 13.540, 49.864

58, 81.600, 48.022

90, 5.924, 50.398

55, 89.277, 46.867

95, 1.145, 231.643

55, 90.443, 46.701

99, 5.883, 199.145

Harmonies

Complementary

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



72, 40.161, 48.668



78, 29.128, 237.115

Rectangle

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



72, 40.161, 48.668



72, 40.161, 98.668



72, 40.161, 228.668



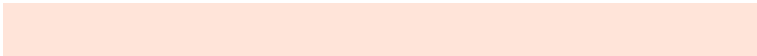
72, 40.161, 278.668

Sweetspot

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



72, 40.160, 48.673



92, 11.571, 50.040



67, 58.960, 337.300



48, 7.959, 49.926



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, 40.160, 48.673



72, 52.906, 48.512



86, 47.489, 93.488



48, 4.081, 50.339



42, 74.031, 47.237



11, 24.881, 41.798

Inverse Universe

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



78, 29.128, 237.115



80, 35.424, 239.464



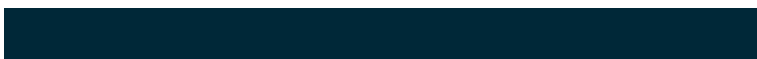
63, 50.488, 287.540



48, 3.875, 231.813



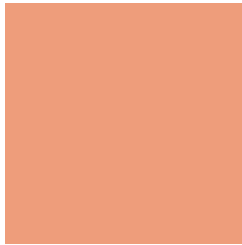
51, 37.996, 255.285



14, 15.685, 247.178

Previews

White Background



This preview shows how the CIELCh color 72, 40.161, 48.668 looks on a white background.

Color Contrast Check

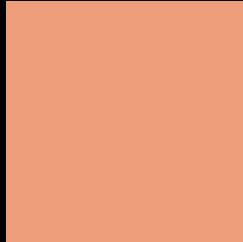
Large Text (above 18pt) WCAG AA × Fail

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, 40.161, 48.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

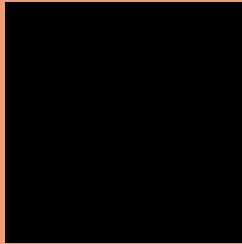
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 40.161, 48.668

Background



This preview shows how black text looks on a background with the CIELCh color 72, 40.161, 48.668.

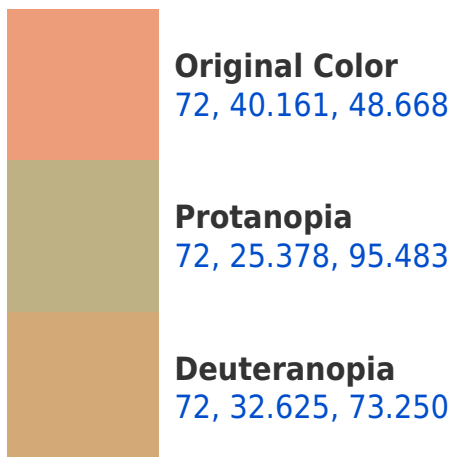


This preview shows how white text looks on a background with the CIELCh color 72, 40.161, 48.668.

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](#).

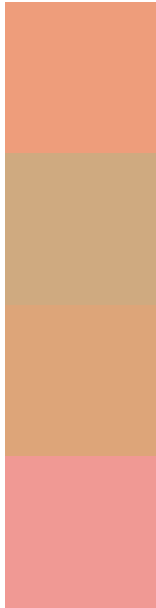
Dichromacy





Tritanopia
72, 36.115, 12.860

Trichromacy



Original Color
72, 40.161, 48.668

Protanomaly
72, 27.831, 73.860

Deuteranomaly
72, 34.410, 63.611

Tritanomaly
72, 35.907, 26.977

Monochromacy



Original Color
72, 40.161, 48.668

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 13.578, 51.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 40.161, 48.668 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(238, 157, 123)` looks like.

```
.text, #text, p{  
    color:rgb(238, 157, 123)  
}
```

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(238, 157, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 157, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 40.161, 48.668 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(238, 157, 123) }
```

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

```
.border{ border-color:rgb(238, 157, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 157, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 157, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 157, 123);  
box-shadow:4px 4px 4px 4px rgb(238, 157,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 40.161, 48.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 157, 123) }
```

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

```
.background{ background-color: rgb(238,  
157, 123) }
```

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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