

Converting Colors

CIELCh(72, 39.014, 68.236)

Have a look what the booklet for
CIELCh(72, 39.014, 68.236) contains.

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Color

CIELCh(72, 38.972, 67.789)

Conversions

Conversions Part 1

Format	Color
Hex	DEA56F
RGB	222, 165, 111
RGB Percent	87%, 65%, 44%
CMY	0.1289, 0.3524, 0.5642
CMYK	0.00, 0.26, 0.50, 0.13
HSL	29°, 63%, 65%
HSV	29°, 50%, 87%
XYZ	46.5219, 43.6590, 21.0494
YIQ	175.8870, 51.3060, -4.7100

Conversions

Conversions Part 2

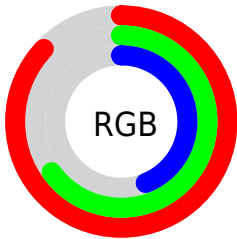
Format	Color
R _Y B	222, 216, 111
Decimal	14591343
CIE Lab	72.00, 14.73, 36.08
CIE LCh	72, 38.972, 67.789
Yxy	43.6590, 0.4182, 0.3925
Android (android.graphics.Color)	4292781423 (0xFFDEA56F)
YUV	175.8870, -31.9893, 40.4411
Hunter-Lab	66.0750, 10.0466, 27.3646

Details

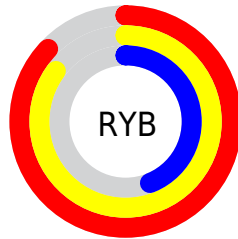
The CIELCh color **72, 38.972, 67.789** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **67, 33.244, 263.421**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 32.800, 82.366**, and **52, 38.850, 67.704** is the 20% darker color. If you saturate the color by 10%, you get **69, 47.785, 66.528**, and if you desaturate by 10%, it is **75, 30.432, 69.036**.

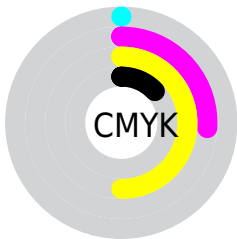
Distribution



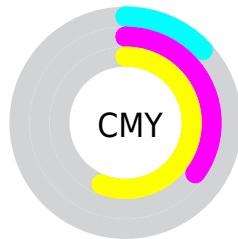
- Red (87%)
- Green (65%)
- Blue (44%)



- Red (87%)
- Yellow (85%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (50%)
- Black (13%)



- Cyan (13%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 38.972, 67.789 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, 38.972, 67.789 by changing the saturation by 10% instead.

72, 38.972, 67.789

72, 38.972, 67.789

100, 38.972,
67.789

62, 38.972, 67.789

92, 38.972, 67.789

52, 38.972, 67.789

42, 38.972, 67.789

32, 38.972, 67.789

22, 38.972, 67.789

12, 38.972, 67.789

2, 38.972, 67.789

0, 38.972, 67.789

72, 38.972, 67.789

72, 38.972, 67.789

69, 47.785, 66.528

75, 30.432, 69.036

66, 56.652, 65.187

78, 22.256, 70.270

63, 65.102, 63.646

82, 14.465, 71.494

61, 72.268, 61.648

85, 7.047, 72.686

58, 77.444, 59.008

89, 0.025, 270.312

58, 77.457, 59.002

92, 6.781, 255.184

95, 9.168, 233.277

98, 11.107,
198.764

Harmonies

Complementary

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



72, 38.972, 67.789



67, 33.244, 263.421

Rectangle

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



72, 38.972, 67.789



72, 38.972, 117.789



72, 38.972, 247.789



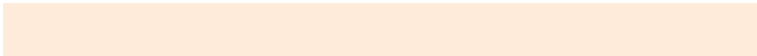
72, 38.972, 297.789

Sweetspot

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



72, 38.972, 67.794



94, 12.002, 72.080



61, 50.937, 348.021



49, 8.232, 71.825



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, 38.972, 67.794



78, 53.514, 66.465



86, 55.051, 104.672



45, 4.039, 72.747



47, 64.851, 59.640



11, 19.650, 58.714

Inverse Universe

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



67, 33.244, 263.421



71, 44.130, 266.674



52, 63.036, 296.915



45, 3.943, 255.222



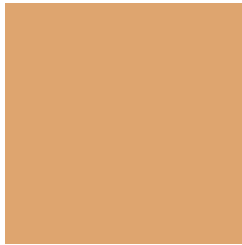
39, 53.026, 282.534



8, 18.544, 273.158

Previews

White Background



This preview shows how the CIELCh color 72, 38.972, 67.789 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, 38.972, 67.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

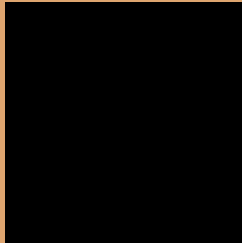
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 38.972, 67.789

Background



This preview shows how black text looks on a background with the CIELCh color 72, 38.972, 67.789.



This preview shows how white text looks on a background with the CIELCh color 72, 38.972, 67.789.

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, 38.972, 67.789

Protanopia

72, 33.329, 95.929

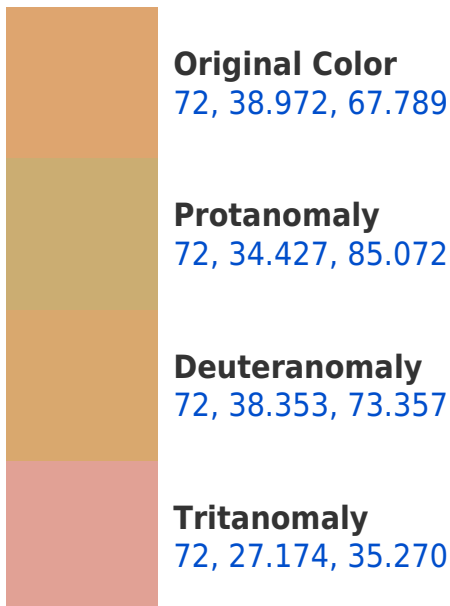
Deuteranopia

72, 37.753, 75.870



Tritanopia
72, 27.651, 8.643

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 38.972, 67.789 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, 165, 111)` looks like.

```
.text, #text, p{  
    color:rgb(222, 165, 111)  
}
```

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, 165, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 165, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 38.972, 67.789 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, 165, 111) }
```

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

```
.border{ border-color:rgb(222, 165, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 165, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 165, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 165, 111);  
box-shadow:4px 4px 4px 4px rgb(222, 165,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 38.972, 67.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 165, 111) }
```

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

```
.background{ background-color: rgb(222,  
165, 111) }
```

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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