

Converting Colors

CIELCh(72, 38.126, 71.421)

Have a look what the booklet for
CIELCh(72, 38.126, 71.421) contains.

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Color

CIELCh(72, 38.032, 71.569)

Conversions

Conversions Part 1

Format	Color
Hex	DAA76F
RGB	218, 167, 111
RGB Percent	85%, 65%, 44%
CMY	0.1453, 0.3453, 0.5649
CMYK	0.00, 0.23, 0.49, 0.15
HSL	31°, 59%, 64%
HSV	31°, 49%, 85%
XYZ	45.5694, 43.6590, 21.0488
YIQ	175.8650, 48.3720, -6.6040

Conversions

Conversions Part 2

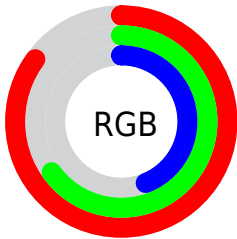
Format	Color
R _Y B	208, 218, 111
Decimal	14329711
CIE Lab	72.00, 12.02, 36.08
CIE LCh	72, 38.032, 71.569
Yxy	43.6590, 0.4132, 0.3959
Android (android.graphics.Color)	4292519791 (0xFFDAA76F)
YUV	175.8650, -31.9784, 36.9524
Hunter-Lab	66.0750, 7.4734, 27.3651

Details

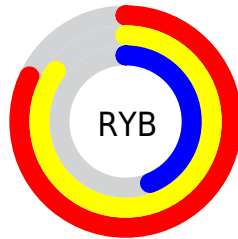
The CIELCh color **72, 38.032, 71.569** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 33.703, 267.236**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 33.331, 84.260**, and **52, 38.070, 71.186** is the 20% darker color. If you saturate the color by 10%, you get **69, 46.594, 70.208**, and if you desaturate by 10%, it is **75, 29.673, 72.902**.

Distribution



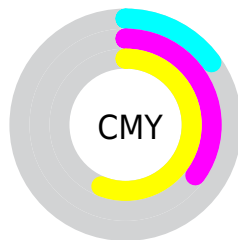
- Red (85%)
- Green (65%)
- Blue (44%)



- Red (82%)
- Yellow (85%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (49%)
- Black (15%)



- Cyan (15%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 38.032, 71.569 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, 38.032, 71.569 by changing the saturation by 10% instead.

72, 38.032, 71.569

72, 38.032, 71.569

100, 38.032,
71.569

62, 38.032, 71.569

92, 38.032, 71.569

52, 38.032, 71.569

42, 38.032, 71.569

32, 38.032, 71.569

22, 38.032, 71.569

12, 38.032, 71.569

2, 38.032, 71.569

0, 38.032, 71.569

72, 38.032, 71.569

72, 38.032, 71.569

69, 46.594, 70.208

75, 29.673, 72.902

66, 55.140, 68.759

78, 21.612, 74.209

64, 63.215, 67.115

81, 13.878, 75.491

61, 70.009, 65.054

84, 6.467, 76.729

59, 74.756, 62.353

87, 0.642, 258.606

59, 75.172, 62.116

91, 7.474, 259.279

94, 10.622,
247.413

96, 11.029,
212.173

97, 12.469,
198.673

Harmonies

Complementary

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



72, 38.032, 71.569



65, 33.703, 267.236

Rectangle

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



72, 38.032, 71.569



72, 38.032, 121.569



72, 38.032, 251.569



72, 38.032, 301.569

Sweetspot

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



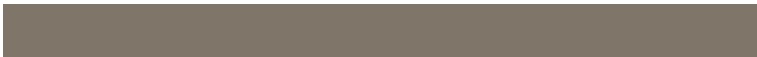
72, 38.032, 71.574



95, 12.280, 75.989



61, 48.490, 349.933



50, 8.416, 75.723



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, 38.032, 71.574



80, 52.879, 70.148



85, 54.103, 106.300



44, 4.061, 76.688



47, 63.215, 62.744



11, 18.380, 62.514

Inverse Universe

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



65, 33.703, 267.236



70, 45.743, 270.396



52, 61.960, 297.731



44, 3.987, 259.216



36, 56.394, 286.066



7, 18.782, 276.022

Previews

White Background



This preview shows how the CIELCh color 72, 38.032, 71.569 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, 38.032, 71.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

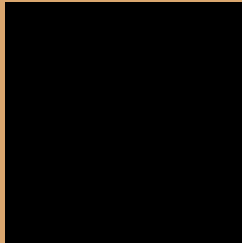
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 38.032, 71.569

Background



This preview shows how black text looks on a background with the CIELCh color 72, 38.032, 71.569.

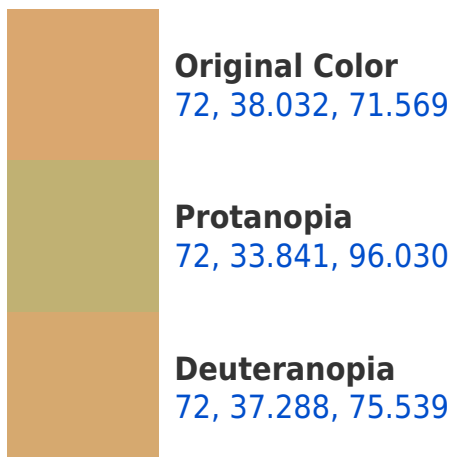


This preview shows how white text looks on a background with the CIELCh color 72, 38.032, 71.569.

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](#).

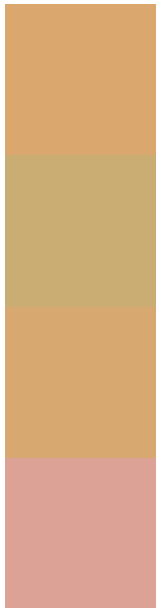
Dichromacy





Tritanopia
72, 25.777, 6.183

Trichromacy



Original Color
72, 38.032, 71.569

Protanomaly
72, 34.088, 86.404

Deuteranomaly
72, 37.376, 74.070

Tritanomaly
72, 25.101, 36.245

Monochromacy



Original Color
72, 38.032, 71.569

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 13.499, 76.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 38.032, 71.569 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(218, 167, 111)` looks like.

```
.text, #text, p{  
    color:rgb(218, 167, 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(218, 167, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 167, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 38.032, 71.569 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(218, 167, 111) }
```

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

```
.border{ border-color:rgb(218, 167, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 167, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 167, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 167, 111);  
box-shadow:4px 4px 4px 4px rgb(218, 167,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 38.032, 71.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 167, 111) }
```

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

```
.background{ background-color: rgb(218,  
167, 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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