

Converting Colors

CIELCh(72, 32.870, 74.265)

Have a look what the booklet for
CIELCh(72, 32.870, 74.265) contains.

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Color

CIELCh(72, 32.829, 74.286)

Conversions

Conversions Part 1

Format	Color
Hex	D3A977
RGB	211, 169, 119
RGB Percent	83%, 66%, 47%
CMY	0.1718, 0.3365, 0.5326
CMYK	0.00, 0.20, 0.44, 0.17
HSL	33°, 51%, 65%
HSV	33°, 44%, 83%
XYZ	44.4836, 43.6590, 23.5906
YIQ	175.8580, 41.0820, -6.6460

Conversions

Conversions Part 2

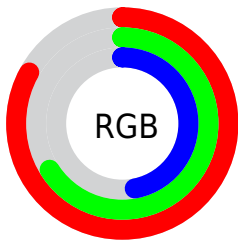
Format	Color
R_{YB}	196, 211, 119
Decimal	13871479
CIE _{Lab}	72.00, 8.89, 31.60
CIE _{LCh}	72, 32.829, 74.286
Yxy	43.6590, 0.3981, 0.3907
Android (android.graphics.Color)	4292061559 (0xFFD3A977)
YUV	175.8580, -28.0310, 30.8195
Hunter-Lab	66.0750, 4.5403, 25.0843

Details

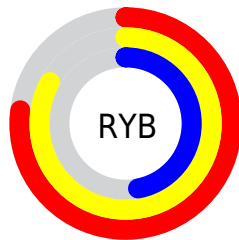
The CIELCh color **72, 32.829, 74.286** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 29.981, 267.827**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 29.612, 83.469**, and **52, 32.795, 73.806** is the 20% darker color. If you saturate the color by 10%, you get **69, 41.067, 72.914**, and if you desaturate by 10%, it is **75, 24.814, 75.635**.

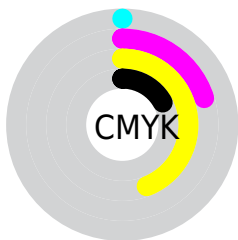
Distribution



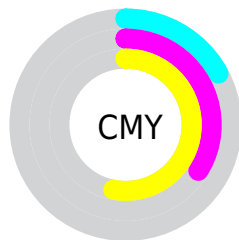
- Red (83%)
- Green (66%)
- Blue (47%)



- Red (77%)
- Yellow (83%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (44%)
- Black (17%)



- Cyan (17%)
- Magenta (34%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 32.829, 74.286 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, 32.829, 74.286 by changing the saturation by 10% instead.

 72, 32.829, 74.286

 72, 32.829, 74.286

 100, 32.829,
74.286

 62, 32.829, 74.286

 92, 32.829, 74.286

 52, 32.829, 74.286

 42, 32.829, 74.286

 32, 32.829, 74.286

 22, 32.829, 74.286

 12, 32.829, 74.286

 2, 32.829, 74.286

 0, 32.829, 74.286

 72, 32.829, 74.286

 72, 32.829, 74.286

69, 41.067, 72.914

75, 24.814, 75.635

67, 49.381, 71.479

78, 17.079, 76.952

64, 57.463, 69.918

81, 9.639, 78.234

62, 64.724, 68.085

84, 2.482, 79.395

60, 70.245, 65.713

87, 4.410, 260.843

58, 72.883, 63.936

90, 11.062,
261.982

92, 12.537,
248.302

95, 12.419,
219.892

97, 14.621,
198.531

Harmonies

Complementary

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



72, 32.829, 74.286



65, 29.981, 267.827

Rectangle

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



72, 32.829, 74.286



72, 32.829, 124.286



72, 32.829, 254.286



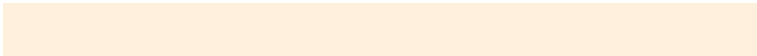
72, 32.829, 304.286

Sweetspot

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



72, 32.829, 74.291



95, 10.750, 78.288



61, 41.836, 350.139



50, 7.556, 78.007



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, 32.829, 74.291



83, 46.375, 73.055



83, 47.222, 107.550



43, 3.964, 78.749



47, 61.410, 64.567



9, 15.781, 64.036

Inverse Universe

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



65, 29.981, 267.827



73, 41.578, 270.272



54, 52.987, 297.134



42, 3.903, 261.280



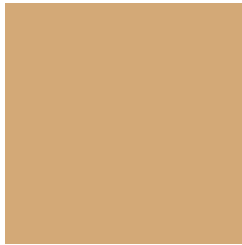
34, 57.219, 287.730



6, 17.151, 275.726

Previews

White Background



This preview shows how the CIELCh color 72, 32.829, 74.286 looks on a white background.

Color Contrast Check

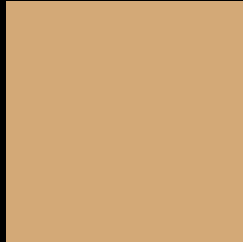
Large Text (above 18pt) WCAG AA × Fail

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, 32.829, 74.286 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, 32.829, 74.286

Background



This preview shows how black text looks on a background with the CIELCh color 72, 32.829, 74.286.

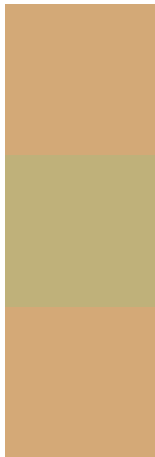


This preview shows how white text looks on a background with the CIELCh color 72, 32.829, 74.286.

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, 32.829, 74.286

Protanopia

72, 30.148, 95.997

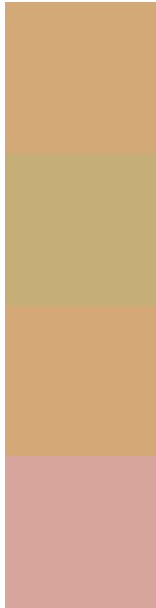
Deuteranopia

72, 33.084, 73.679



Tritanopia
72, 22.306, 3.239

Trichromacy



Original Color
72, 32.829, 74.286

Protanomaly
72, 30.416, 87.825

Deuteranomaly
72, 33.084, 73.679

Tritanomaly
72, 20.977, 35.880

Monochromacy



Original Color
72, 32.829, 74.286

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 11.906, 79.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 32.829, 74.286 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(211, 169, 119)` looks like.

```
.text, #text, p{  
    color:rgb(211, 169, 119)  
}
```

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(211, 169, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 169, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 32.829, 74.286 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(211, 169, 119) }
```

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

```
.border{ border-color:rgb(211, 169, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 169, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 169, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 169, 119);  
box-shadow:4px 4px 4px 4px rgb(211, 169,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 32.829, 74.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 169, 119) }
```

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

```
.background{ background-color: rgb(211,  
169, 119) }
```

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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