

Converting Colors

CIELCh(72, 37.534, 80.492)

Have a look what the booklet for
CIELCh(72, 37.534, 80.492) contains.

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Color

CIELCh(72, 37.499, 80.807)

Conversions

Conversions Part 1

Format	Color
Hex	D1AB6D
RGB	209, 171, 109
RGB Percent	82%, 67%, 43%
CMY	0.1814, 0.3303, 0.5734
CMYK	0.00, 0.18, 0.48, 0.18
HSL	37°, 52%, 62%
HSV	37°, 48%, 82%
XYZ	43.4940, 43.6590, 20.5417
YIQ	175.2940, 42.5500, -11.2260

Conversions

Conversions Part 2

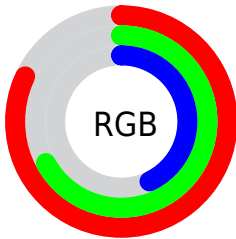
Format	Color
RYB	170, 209, 109
Decimal	13740909
CIELab	72.00, 5.99, 37.02
CIElCh	72, 37.499, 80.807
Yxy	43.6590, 0.4039, 0.4054
Android (android.graphics.Color)	4291930989 (0xFFD1AB6D)
YUV	175.2940, -32.6829, 29.5602
Hunter-Lab	66.0750, 1.8669, 27.8201

Details

The CIELCh color **72, 37.499, 80.807** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **60, 36.106, 276.031**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 35.464, 88.275**, and **52, 37.298, 81.015** is the 20% darker color. If you saturate the color by 10%, you get **70, 45.667, 79.349**, and if you desaturate by 10%, it is **74, 29.344, 82.221**.

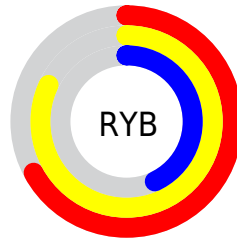
Distribution



Red (82%)

Green (67%)

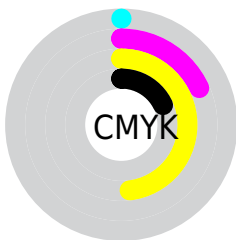
Blue (43%)



Red (67%)

Yellow (82%)

Blue (43%)

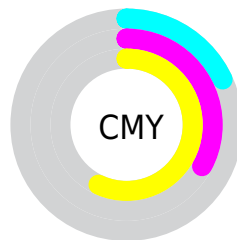


Cyan (0%)

Magenta (18%)

Yellow (48%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 37.499, 80.807 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, 37.499, 80.807 by changing the saturation by 10% instead.

■ 72, 37.499, 80.807

■ 72, 37.499, 80.807

■ 100, 37.499,
80.807

■ 62, 37.499, 80.807

■ 92, 37.499, 80.807

■ 52, 37.499, 80.807

■ 42, 37.499, 80.807

■ 32, 37.499, 80.807

■ 22, 37.499, 80.807

■ 12, 37.499, 80.807

■ 2, 37.499, 80.807

■ 0, 37.499, 80.807

■ 72, 37.499, 80.807

■ 72, 37.499, 80.807

70, 45.667, 79.349

74, 29.344, 82.221

68, 53.602, 77.800

77, 21.323, 83.590

65, 60.852, 76.087

79, 13.490, 84.916

63, 66.682, 74.058

82, 5.863, 86.183

61, 70.364, 71.516

84, 1.560, 267.663

61, 71.055, 70.973

87, 8.788, 268.716

90, 15.838,
269.853

92, 13.490,
252.216

94, 12.760,
230.220

Harmonies

Complementary

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



72, 37.499, 80.807



60, 36.106, 276.031

Rectangle

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



72, 37.499, 80.807



72, 37.499, 130.807



72, 37.499, 260.807



72, 37.499, 310.807

Sweetspot

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



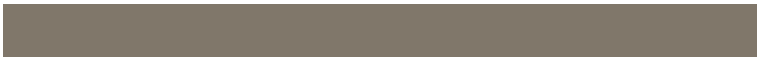
72, 37.499, 80.812



96, 12.354, 85.398



59, 43.752, 356.305



51, 8.555, 85.117



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, 37.499, 80.812



84, 52.888, 79.384



81, 51.315, 111.044



43, 4.233, 85.997



50, 60.498, 71.507



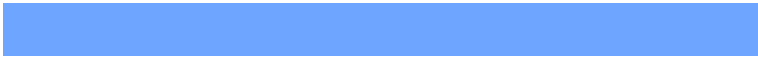
10, 16.277, 73.339

Inverse Universe

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



60, 36.106, 276.031



68, 50.824, 278.776



51, 58.202, 300.143



41, 4.210, 268.509



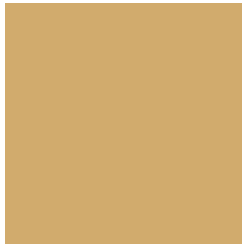
31, 65.837, 293.500



5, 18.775, 280.761

Previews

White Background



This preview shows how the CIELCh color 72, 37.499, 80.807 looks on a white background.

Color Contrast Check

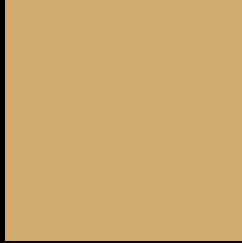
Large Text (above 18pt) WCAG AA × Fail

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, 37.499, 80.807 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, 37.499, 80.807

Background



This preview shows how black text looks on a background with the CIELCh color 72, 37.499, 80.807.

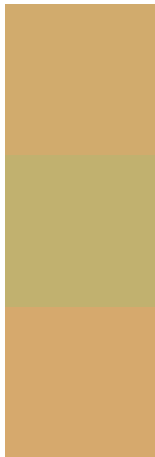


This preview shows how white text looks on a background with the CIELCh color 72, 37.499, 80.807.

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, 37.499, 80.807

Protanopia

72, 35.971, 95.718

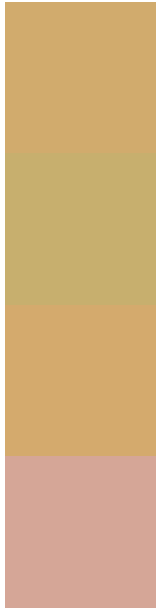
Deuteranopia

72, 38.218, 76.191



Tritanopia
72, 21.039, 3.497

Trichromacy



Original Color
72, 37.499, 80.807

Protanomaly
72, 36.421, 90.260

Deuteranomaly
72, 37.937, 78.193

Tritanomaly
72, 20.896, 43.542

Monochromacy



Original Color
72, 37.499, 80.807

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 13.196, 83.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 37.499, 80.807 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(209, 171, 109)` looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 109)  
}
```

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(209, 171, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 37.499, 80.807 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(209, 171, 109) }
```

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

```
.border{ border-color:rgb(209, 171, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 171, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 171, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 171, 109); box-shadow:4px 4px 4px 4px rgb(209, 171, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 37.499, 80.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 109) }
```

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

```
.background{ background-color: rgb(209,  
171, 109) }
```

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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