

Converting Colors

CIELCh(72, 49.596, 84.417)

Have a look what the booklet for
CIELCh(72, 49.596, 84.417) contains.

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Color

CIELCh(72, 49.676, 84.530)

Conversions

Conversions Part 1

Format	Color
Hex	D3AB54
RGB	211, 171, 84
RGB Percent	83%, 67%, 33%
CMY	0.1722, 0.3291, 0.6703
CMYK	0.00, 0.19, 0.60, 0.17
HSL	41°, 59%, 58%
HSV	41°, 60%, 83%
XYZ	43.0702, 43.6590, 14.5603
YIQ	173.0420, 51.7670, -18.5770

Conversions

Conversions Part 2

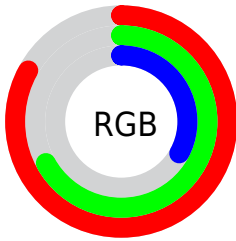
Format	Color
RYB	142, 211, 84
Decimal	13871956
CIELab	72.00, 4.74, 49.45
CIELCh	72, 49.676, 84.530
Yxy	43.6590, 0.4252, 0.4310
Android (android.graphics.Color)	4292062036 (0xFFD3AB54)
YUV	173.0420, -43.8977, 33.2892
Hunter-Lab	66.0750, 0.7220, 33.1873

Details

The CIELCh color **72, 49.676, 84.530** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **53, 50.678, 284.447**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 47.465, 91.801**, and **52, 49.436, 84.585** is the 20% darker color. If you saturate the color by 10%, you get **70, 57.408, 83.009**, and if you desaturate by 10%, it is **74, 41.444, 85.977**.

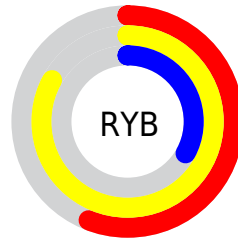
Distribution



Red (83%)

Green (67%)

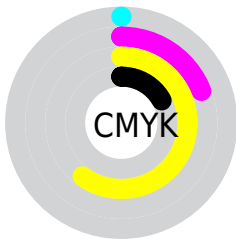
Blue (33%)



Red (56%)

Yellow (83%)

Blue (33%)

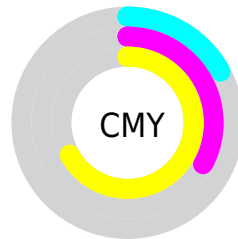


Cyan (0%)

Magenta (19%)

Yellow (60%)

Black (17%)



Cyan (17%)

Magenta (33%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 49.676, 84.530 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, 49.676, 84.530 by changing the saturation by 10% instead.

 72, 49.676, 84.530

 72, 49.676, 84.530

 100, 49.676,
84.530

 62, 49.676, 84.530

 92, 49.676, 84.530

 52, 49.676, 84.530

 42, 49.676, 84.530

 32, 49.676, 84.530

 22, 49.676, 84.530

 12, 49.676, 84.530

 2, 49.676, 84.530

 0, 49.676, 84.530

 72, 49.676, 84.530

 72, 49.676, 84.530

70, 57.408, 83.009

74, 41.444, 85.977

68, 64.094, 81.334

76, 33.037, 87.369

67, 68.957, 79.383

78, 24.633, 88.719

65, 71.660, 77.113

80, 16.322, 90.029

82, 8.147, 91.288

85, 0.125, 90.636

87, 7.744, 273.758

89, 15.464,
274.872

91, 13.964,
262.974

Harmonies

Complementary

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



72, 49.676, 84.530



53, 50.678, 284.447

Rectangle

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



72, 49.676, 84.530



72, 49.676, 134.530



72, 49.676, 264.530



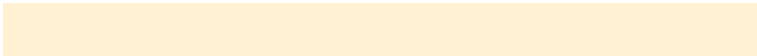
72, 49.676, 314.530

Sweetspot

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



72, 49.676, 84.534



95, 16.949, 90.282



54, 53.726, 3.784



50, 11.811, 89.904



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, 49.676, 84.534



83, 68.368, 82.590



81, 63.909, 113.401



43, 4.507, 91.382



53, 60.573, 77.579



11, 17.032, 80.632

Inverse Universe

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



53, 50.678, 284.447



56, 71.797, 288.454



45, 75.147, 303.625



41, 4.515, 273.812



28, 73.207, 297.346



4, 20.055, 283.943

Previews

White Background



This preview shows how the CIELCh color 72, 49.676, 84.530 looks on a white background.

Color Contrast Check

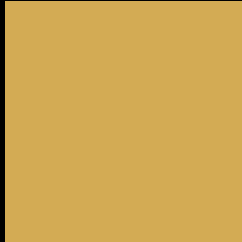
Large Text (above 18pt) WCAG AA × Fail

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, 49.676, 84.530 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, 49.676, 84.530

Background



This preview shows how black text looks on a background with the CIELCh color 72, 49.676, 84.530.



This preview shows how white text looks on a background with the CIELCh color 72, 49.676, 84.530.

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, 49.676, 84.530

Protanopia

72, 48.531, 95.503

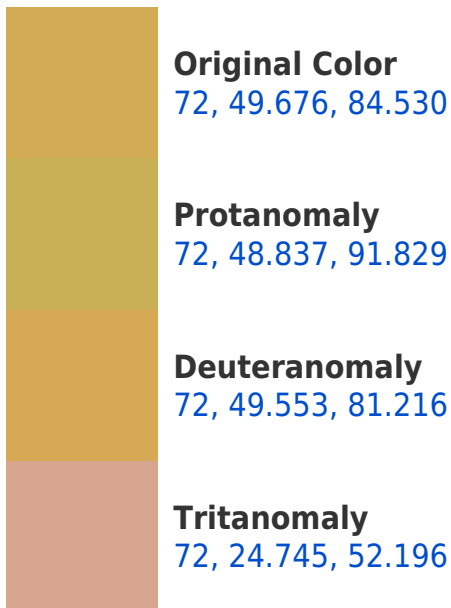
Deuteranopia

72, 50.006, 79.202



Tritanopia
72, 23.078, 3.961

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 49.676, 84.530 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, 171, 84)` looks like.

```
.text, #text, p{  
    color:rgb(211, 171, 84)  
}
```

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, 171, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 171, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 49.676, 84.530 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, 171, 84) }
```

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

```
.border{ border-color:rgb(211, 171, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 171, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 171, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 171, 84);  
box-shadow:4px 4px 4px 4px rgb(211, 171,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 49.676, 84.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 171, 84) }
```

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

```
.background{ background-color: rgb(211,  
171, 84) }
```

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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