

Converting Colors

CIELCh(72, 36.414, 86.200)

Have a look what the booklet for
CIELCh(72, 36.414, 86.200) contains.

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Color

CIELCh(72, 36.402, 85.988)

Conversions

Conversions Part 1

Format	Color
Hex	CBAD6E
RGB	203, 173, 110
RGB Percent	80%, 68%, 43%
CMY	0.2043, 0.3219, 0.5690
CMYK	0.00, 0.15, 0.46, 0.20
HSL	41°, 47%, 61%
HSV	41°, 46%, 80%
XYZ	42.3381, 43.6590, 20.9226
YIQ	174.7880, 38.1030, -13.2330

Conversions

Conversions Part 2

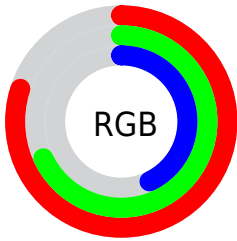
Format	Color
RYB	154, 203, 110
Decimal	13348206
CIELab	72.00, 2.55, 36.31
CIELCh	72, 36.402, 85.988
Yxy	43.6590, 0.3960, 0.4083
Android (android.graphics.Color)	4291538286 (0xFFCBAD6E)
YUV	174.7880, -31.9405, 24.7419
Hunter-Lab	66.0750, -1.2558, 27.4783

Details

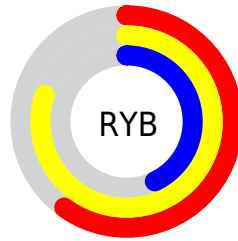
The CIELCh color **72, 36.402, 85.988** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **58, 36.424, 280.001**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 35.617, 89.737**, and **52, 36.299, 86.023** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.465, 84.571**, and if you desaturate by 10%, it is **74, 28.275, 87.368**.

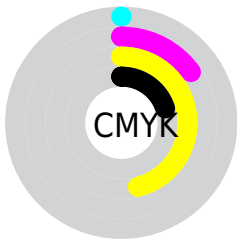
Distribution



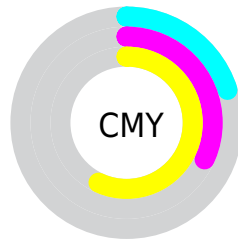
- Red (80%)
- Green (68%)
- Blue (43%)



- Red (60%)
- Yellow (80%)
- Blue (43%)



- Cyan (0%)
- Magenta (15%)
- Yellow (46%)
- Black (20%)



- Cyan (20%)
- Magenta (32%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 36.402, 85.988 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, 36.402, 85.988 by changing the saturation by 10% instead.

■ 72, 36.402, 85.988

■ 72, 36.402, 85.988

■ 100, 36.402,
85.988

■ 62, 36.402, 85.988

■ 92, 36.402, 85.988

■ 52, 36.402, 85.988

■ 42, 36.402, 85.988

■ 32, 36.402, 85.988

■ 22, 36.402, 85.988

■ 12, 36.402, 85.988

■ 2, 36.402, 85.988

■ 0, 36.402, 85.988

■ 72, 36.402, 85.988

■ 72, 36.402, 85.988

70, 44.465, 84.571

74, 28.275, 87.368

68, 52.226, 83.083

76, 20.209, 88.703

66, 59.265, 81.479

78, 12.263, 89.995

65, 64.925, 79.656

80, 4.465, 91.217

63, 68.431, 77.449

83, 3.178, 272.555

62, 69.523, 76.472

85, 10.670,
273.663

87, 18.019,
274.763

89, 16.950,
265.726

91, 15.113,
252.088

Harmonies

Complementary

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



72, 36.402, 85.988



58, 36.424, 280.001

Rectangle

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



72, 36.402, 85.988



72, 36.402, 135.988



72, 36.402, 265.988



72, 36.402, 315.988

Sweetspot

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



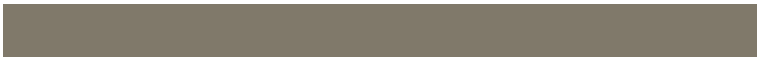
72, 36.403, 85.992



96, 13.034, 90.201



58, 40.237, 359.428



51, 9.019, 89.925



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, 36.403, 85.992



86, 52.732, 84.584



79, 48.378, 113.444



42, 4.383, 90.794



52, 59.848, 76.909



10, 15.530, 79.881

Inverse Universe

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



58, 36.424, 280.001



67, 53.152, 282.596



52, 54.255, 301.253



40, 4.388, 273.229



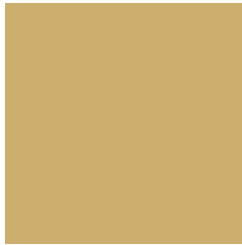
28, 71.460, 296.899



4, 18.378, 282.513

Previews

White Background



This preview shows how the CIELCh color 72, 36.402, 85.988 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, 36.402, 85.988 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, 36.402, 85.988

Background



This preview shows how black text looks on a background with the CIELCh color 72, 36.402, 85.988.



This preview shows how white text looks on a background with the CIELCh color 72, 36.402, 85.988.

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, 36.402, 85.988

Protanopia

72, 35.885, 96.388

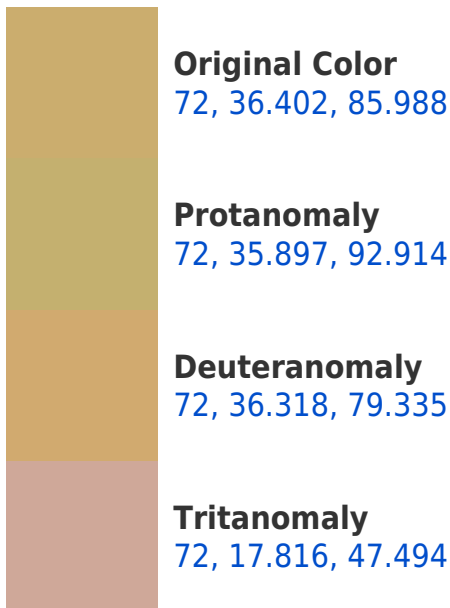
Deuteranopia

72, 37.044, 76.096



Tritanopia
72, 18.410, 0.521

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 36.402, 85.988 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(203, 173, 110)` looks like.

```
.text, #text, p{  
    color:rgb(203, 173, 110)  
}
```

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(203, 173, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 173, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 36.402, 85.988 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(203, 173, 110) }
```

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

```
.border{ border-color:rgb(203, 173, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 173, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 173, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 173, 110);  
box-shadow:4px 4px 4px 4px rgb(203, 173,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 36.402, 85.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 173, 110) }
```

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

```
.background{ background-color: rgb(203,  
173, 110) }
```

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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