

Converting Colors

CIELCh(71, 43.814, 86.708)

Have a look what the booklet for
CIELCh(71, 43.814, 86.708) contains.

CIELCh(71, 43.833, 86.622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 43.833, 86.622)

Conversions

Conversions Part 1

Format	Color
Hex	CBA A5D
RGB	203, 170, 93
RGB Percent	80%, 67%, 36%
CMY	0.2043, 0.3337, 0.6356
CMYK	0.00, 0.16, 0.54, 0.20
HSL	42°, 51%, 58%
HSV	42°, 54%, 80%
XYZ	40.9322, 42.1875, 16.3220
YIQ	171.0890, 44.3850, -16.9510

Conversions

Conversions Part 2

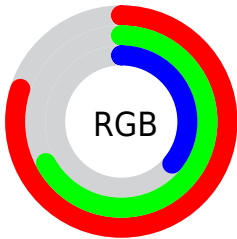
Format	Color
RYB	140, 203, 93
Decimal	13347421
CIELab	71.00, 2.58, 43.76
CIELCh	71, 43.833, 86.622
Yxy	42.1875, 0.4116, 0.4242
Android (android.graphics.Color)	4291537501 (0xFFCBAA5D)
YUV	171.0890, -38.4979, 27.9859
Hunter-Lab	64.9519, -1.1765, 30.5671

Details

The CIELCh color **71, 43.833, 86.622** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **54, 44.836, 283.748**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 42.849, 90.160**, and **51, 43.866, 86.733** is the 20% darker color. If you saturate the color by 10%, you get **69, 51.666, 85.179**, and if you desaturate by 10%, it is **73, 35.696, 88.017**.

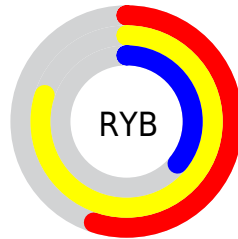
Distribution



Red (80%)

Green (67%)

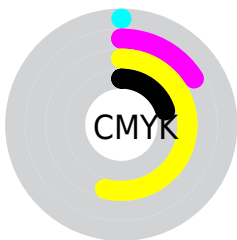
Blue (36%)



Red (55%)

Yellow (80%)

Blue (36%)

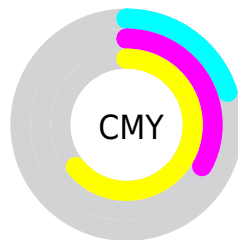


Cyan (0%)

Magenta (16%)

Yellow (54%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 43.833, 86.622 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 71, 43.833, 86.622 by changing the saturation by 10% instead.

71, 43.833, 86.622

71, 43.833, 86.622

100, 43.833,
86.622

61, 43.833, 86.622

91, 43.833, 86.622

51, 43.833, 86.622

41, 43.833, 86.622

31, 43.833, 86.622

21, 43.833, 86.622

11, 43.833, 86.622

1, 43.833, 86.622

0, 43.833, 86.622

71, 43.833, 86.622

71, 43.833, 86.622

69, 51.666, 85.179

73, 35.696, 88.017

68, 58.798, 83.639

75, 27.479, 89.367

66, 64.607, 81.926

77, 19.305, 90.678

64, 68.329, 79.902

79, 11.232, 91.946

63, 69.714, 78.610

81, 3.290, 93.132

83, 4.514, 274.435

85, 12.179,
275.542

87, 19.593,
276.508

89, 17.153,
266.783

Harmonies

Complementary

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



71, 43.833, 86.622



54, 44.836, 283.748

Rectangle

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



71, 43.833, 86.622



71, 43.833, 136.622



71, 43.833, 266.622



71, 43.833, 316.622

Sweetspot

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



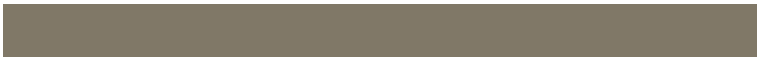
71, 43.833, 86.626



96, 15.257, 91.696



54, 47.054, 3.567



51, 10.320, 91.433



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 43.833, 86.626



85, 62.858, 84.931



78, 56.660, 114.451



42, 4.484, 92.534



52, 60.029, 79.015



10, 15.837, 82.350

Inverse Universe

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



54, 44.836, 283.748



60, 65.681, 287.141



47, 65.058, 303.252



40, 4.498, 274.933



27, 73.953, 298.077



4, 18.750, 283.466

Previews

White Background



This preview shows how the CIELCh color 71, 43.833, 86.622 looks on a white background.

Color Contrast Check

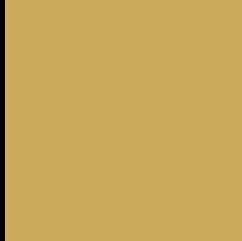
Large Text (above 18pt) WCAG AA × Fail

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 71, 43.833, 86.622 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 71, 43.833, 86.622

Background



This preview shows how black text looks on a background with the CIELCh color 71, 43.833, 86.622.



This preview shows how white text looks on a background with the CIELCh color 71, 43.833, 86.622.

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

71, 43.833, 86.622

Protanopia

71, 43.163, 95.987

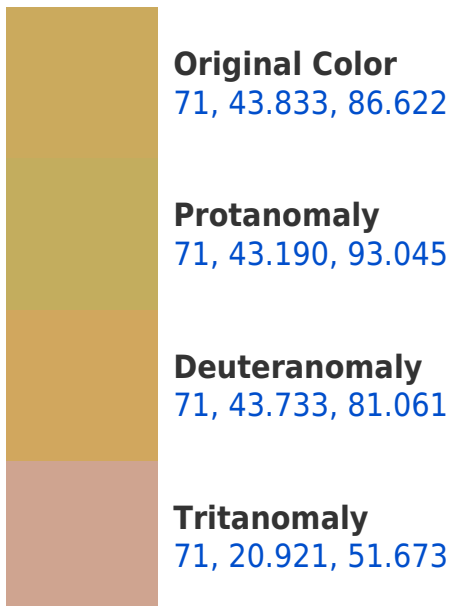
Deuteranopia

71, 44.409, 78.295



Tritanopia
71, 19.966, 2.342

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 43.833, 86.622 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, 170, 93)` looks like.

```
.text, #text, p{  
    color:rgb(203, 170, 93)  
}
```

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, 170, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 170, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 43.833, 86.622 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, 170, 93) }
```

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

```
.border{ border-color:rgb(203, 170, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 170, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 170, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 170, 93);  
box-shadow:4px 4px 4px 4px rgb(203, 170,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 43.833, 86.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 170, 93) }
```

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

```
.background{ background-color: rgb(203,  
170, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor