

Converting Colors

CIELCh(71, 43.844, 88.236)

Have a look what the booklet for
CIELCh(71, 43.844, 88.236) contains.

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Color

CIELCh(71, 43.808, 88.422)

Conversions

Conversions Part 1

Format	Color
Hex	C9AB5D
RGB	201, 171, 93
RGB Percent	79%, 67%, 36%
CMY	0.2129, 0.3304, 0.6363
CMYK	0.00, 0.15, 0.54, 0.21
HSL	43°, 50%, 58%
HSV	43°, 54%, 79%
XYZ	40.4862, 42.1875, 16.3061
YIQ	171.0780, 42.9180, -17.8980

Conversions

Conversions Part 2

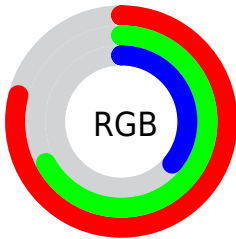
Format	Color
RYB	135, 201, 93
Decimal	13216605
CIELab	71.00, 1.21, 43.79
CIELCh	71, 43.808, 88.422
Yxy	42.1875, 0.4090, 0.4262
Android (android.graphics.Color)	4291406685 (0xFFC9AB5D)
YUV	171.0780, -38.4925, 26.2416
Hunter-Lab	64.9519, -2.4022, 30.5817

Details

The CIELCh color **71, 43.808, 88.422** 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 **53, 45.453, 285.102**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 43.171, 90.831**, and **51, 43.807, 88.680** is the 20% darker color. If you saturate the color by 10%, you get **69, 51.605, 87.017**, and if you desaturate by 10%, it is **73, 35.673, 89.787**.

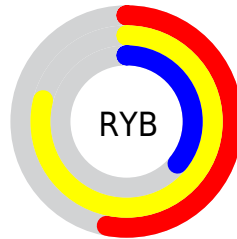
Distribution



Red (79%)

Green (67%)

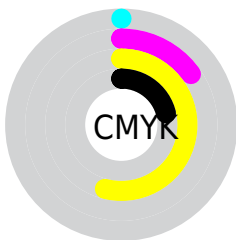
Blue (36%)



Red (53%)

Yellow (79%)

Blue (36%)

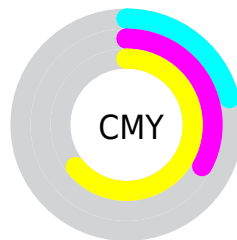


Cyan (0%)

Magenta (15%)

Yellow (54%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 43.808, 88.422 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, 43.808, 88.422 by changing the saturation by 10% instead.

 71, 43.808, 88.422

 71, 43.808, 88.422

 100, 43.808,
88.422

 61, 43.808, 88.422

 91, 43.808, 88.422

 51, 43.808, 88.422

 41, 43.808, 88.422

 31, 43.808, 88.422

 21, 43.808, 88.422

 11, 43.808, 88.422

 1, 43.808, 88.422

 0, 43.808, 88.422

 71, 43.808, 88.422

 71, 43.808, 88.422

69, 51.605, 87.017

73, 35.673, 89.787

68, 58.672, 85.532

74, 27.428, 91.112

66, 64.400, 83.903

76, 19.197, 92.400

65, 68.056, 82.015

78, 11.047, 93.647

64, 69.451, 80.725

80, 3.006, 94.811

82, 4.911, 276.088

84, 12.704,
277.181

86, 20.375,
278.243

88, 18.829,
271.100

Harmonies

Complementary

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



71, 43.808, 88.422



53, 45.453, 285.102

Rectangle

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



71, 43.808, 88.422



71, 43.808, 138.422



71, 43.808, 268.422



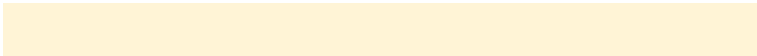
71, 43.808, 318.422

Sweetspot

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



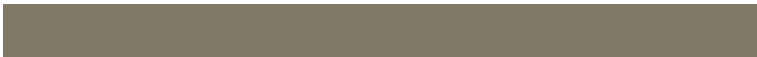
71, 43.808, 88.426



96, 15.596, 93.348



54, 46.161, 4.713



51, 10.546, 93.089



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, 43.808, 88.426



86, 63.696, 86.710



77, 55.917, 115.219



41, 4.493, 94.179



53, 59.621, 81.109



10, 14.721, 84.925

Inverse Universe

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



53, 45.453, 285.102



59, 67.842, 288.553



47, 63.956, 303.641



39, 4.516, 276.532



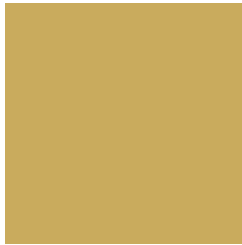
25, 75.408, 299.108



3, 17.448, 283.249

Previews

White Background



This preview shows how the CIELCh color 71, 43.808, 88.422 looks on a white background.

Color Contrast Check

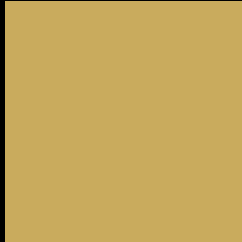
Large Text (above 18pt) WCAG AA × Fail

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, 43.808, 88.422 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, 43.808, 88.422

Background



This preview shows how black text looks on a background with the CIELCh color 71, 43.808, 88.422.



This preview shows how white text looks on a background with the CIELCh color 71, 43.808, 88.422.

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, 43.808, 88.422

Protanopia

71, 43.250, 95.417

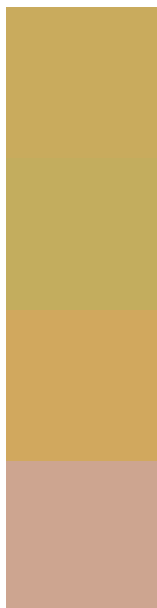
Deuteranopia

71, 44.409, 78.295



Tritanopia
71, 19.379, 359.953

Trichromacy



Original Color
71, 43.808, 88.422

Protanomaly
71, 43.190, 93.045

Deuteranomaly
71, 43.954, 81.813

Tritanomaly
71, 20.161, 54.689

Monochromacy



Original Color
71, 43.808, 88.422

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 15.873, 92.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 43.808, 88.422 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(201, 171, 93)` looks like.

```
.text, #text, p{  
    color:rgb(201, 171, 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(201, 171, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 171, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 43.808, 88.422 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(201, 171, 93) }
```

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

```
.border{ border-color:rgb(201, 171, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 171, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 171, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 171, 93);  
box-shadow:4px 4px 4px 4px rgb(201, 171,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 43.808, 88.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 171, 93) }
```

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

```
.background{ background-color: rgb(201,  
171, 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](#).

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