

Converting Colors

CIELCh(68, 43.706, 83.081)

Have a look what the booklet for
CIELCh(68, 43.706, 83.081) contains.

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Color

CIELCh(68, 43.706, 83.081)

Conversions

Conversions Part 1

Format	Color
Hex	C6A056
RGB	198, 160, 86
RGB Percent	78%, 63%, 34%
CMY	0.2222, 0.3714, 0.6616
CMYK	0.00, 0.19, 0.56, 0.22
HSL	40°, 50%, 56%
HSV	40°, 56%, 78%
XYZ	37.6888, 37.9720, 14.2068
YIQ	162.9260, 46.4020, -14.9580

Conversions

Conversions Part 2

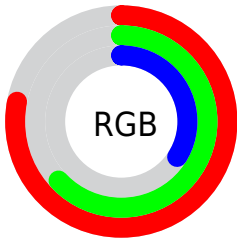
Format	Color
RYB	144, 198, 86
Decimal	13017174
CIELab	68.00, 5.27, 43.39
CIElCh	68, 43.706, 83.081
Yxy	37.9720, 0.4194, 0.4225
Android (android.graphics.Color)	4291207254 (0xFFC6A056)
YUV	162.9260, -37.9245, 30.7599
Hunter-Lab	61.6215, 1.3362, 29.4657

Details

The CIELCh color **68, 43.706, 83.081** 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 **52, 43.496, 281.556**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 43.282, 84.299**, and **48, 43.490, 83.393** is the 20% darker color. If you saturate the color by 10%, you get **66, 51.313, 81.577**, and if you desaturate by 10%, it is **70, 35.826, 84.520**.

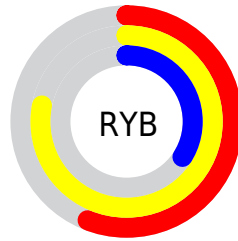
Distribution



Red (78%)

Green (63%)

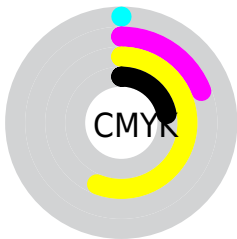
Blue (34%)



Red (56%)

Yellow (78%)

Blue (34%)

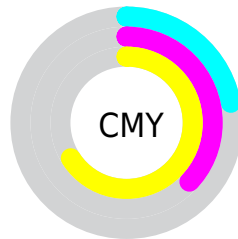


Cyan (0%)

Magenta (19%)

Yellow (56%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 43.706, 83.081 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 68, 43.706, 83.081 by changing the saturation by 10% instead.

68, 43.706, 83.081

68, 43.706, 83.081

100, 43.706,
83.081

58, 43.706, 83.081

88, 43.706, 83.081

48, 43.706, 83.081

98, 43.706, 83.081

38, 43.706, 83.081

28, 43.706, 83.081

18, 43.706, 83.081

8, 43.706, 83.081

0, 43.706, 83.081

68, 43.706, 83.081

68, 43.706, 83.081

66, 51.313, 81.577

70, 35.826, 84.520

64, 58.232, 79.940

72, 27.904, 85.907

62, 63.805, 78.058

74, 20.061, 87.253

61, 67.289, 75.758

76, 12.353, 88.555

60, 68.282, 74.919

79, 4.805, 89.791

81, 2.579, 271.158

83, 9.805, 272.261

85, 16.881,
273.372

87, 19.087,
268.961

Harmonies

Complementary

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



68, 43.706, 83.081



52, 43.496, 281.556

Rectangle

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



68, 43.706, 83.081



68, 43.706, 133.081



68, 43.706, 263.081



68, 43.706, 313.081

Sweetspot

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



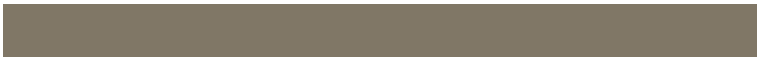
68, 43.706, 83.085



95, 15.628, 88.458



52, 48.571, 0.360



50, 10.477, 88.195



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 43.706, 83.085



83, 64.214, 81.180



77, 57.335, 112.052



41, 4.222, 89.445



50, 59.097, 75.370



9, 13.897, 77.961

Inverse Universe

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



52, 43.496, 281.556



60, 65.021, 285.428



44, 66.782, 302.269



39, 4.218, 271.897



28, 68.697, 295.909



4, 16.565, 280.664

Previews

White Background



This preview shows how the CIELCh color 68, 43.706, 83.081 looks on a white background.

Color Contrast Check

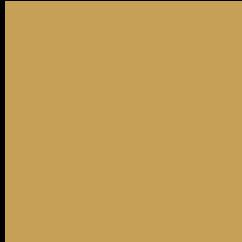
Large Text (above 18pt) WCAG AA × Fail

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 68, 43.706, 83.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

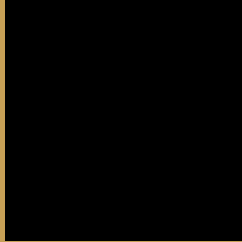
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 43.706, 83.081

Background



This preview shows how black text looks on a background with the CIELCh color 68, 43.706, 83.081.



This preview shows how white text looks on a background with the CIELCh color 68, 43.706, 83.081.

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

68, 43.706, 83.081

Protanopia

68, 42.443, 95.636

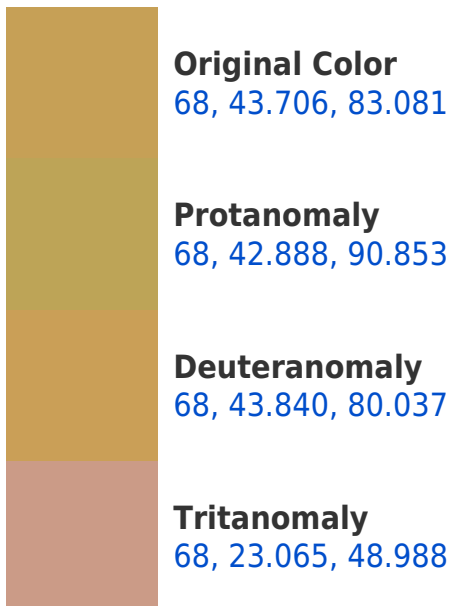
Deuteranopia

68, 44.098, 78.259



Tritanopia
68, 21.570, 5.438

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 43.706, 83.081 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(198, 160, 86)` looks like.

```
.text, #text, p{  
    color:rgb(198, 160, 86)  
}
```

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(198, 160, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 160, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 43.706, 83.081 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(198, 160, 86) }
```

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

```
.border{ border-color:rgb(198, 160, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 160, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 160, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 160, 86);  
box-shadow:4px 4px 4px 4px rgb(198, 160,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 43.706, 83.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 160, 86) }
```

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

```
.background{ background-color: rgb(198,  
160, 86) }
```

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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