

Converting Colors

CIELCh(72, 48.245, 95.946)

Have a look what the booklet for
CIELCh(72, 48.245, 95.946) contains.

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Color

CIELCh(72, 48.447, 96.015)

Conversions

Conversions Part 1

Format	Color
Hex	C3B156
RGB	195, 177, 86
RGB Percent	76%, 69%, 34%
CMY	0.2357, 0.3063, 0.6631
CMYK	0.00, 0.09, 0.56, 0.24
HSL	50°, 48%, 55%
HSV	50°, 56%, 76%
XYZ	39.8526, 43.6590, 15.1093
YIQ	172.0080, 39.9390, -24.4850

Conversions

Conversions Part 2

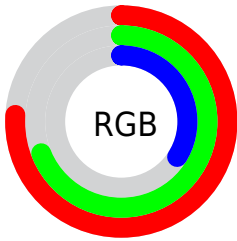
Format	Color
RYB	108, 195, 86
Decimal	12824918
CIELab	72.00, -5.08, 48.18
CIElCh	72, 48.447, 96.015
Yxy	43.6590, 0.4041, 0.4427
Android (android.graphics.Color)	4291014998 (0xFFC3B156)
YUV	172.0080, -42.4019, 20.1640
Hunter-Lab	66.0750, -7.9703, 32.6947

Details

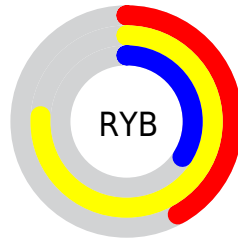
The CIELCh color **72, 48.447, 96.015** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **47, 53.747, 291.942**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 48.475, 95.590**, and **52, 48.416, 96.061** is the 20% darker color. If you saturate the color by 10%, you get **71, 56.097, 94.851**, and if you desaturate by 10%, it is **73, 40.170, 97.191**.

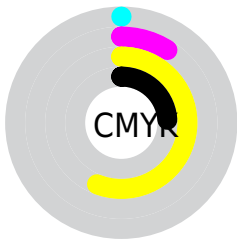
Distribution



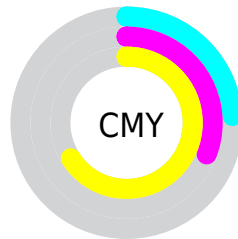
- Red (76%)
- Green (69%)
- Blue (34%)



- Red (42%)
- Yellow (76%)
- Blue (34%)



- Cyan (0%)
- Magenta (9%)
- Yellow (56%)
- Black (24%)



- Cyan (24%)
- Magenta (31%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 48.447, 96.015 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, 48.447, 96.015 by changing the saturation by 10% instead.

 72, 48.447, 96.015

 72, 48.447, 96.015

 100, 48.447,
96.015

 62, 48.447, 96.015

 92, 48.447, 96.015

 52, 48.447, 96.015

 42, 48.447, 96.015

 32, 48.447, 96.015

 22, 48.447, 96.015

 12, 48.447, 96.015

 2, 48.447, 96.015

 0, 48.447, 96.015

 72, 48.447, 96.015

 72, 48.447, 96.015

71, 56.097, 94.851

73, 40.170, 97.191

70, 62.666, 93.689

74, 31.559, 98.362

69, 67.559, 92.518

75, 22.794, 99.521

68, 70.240, 91.299

77, 13.981,
100.659

68, 70.979, 90.795

78, 5.181, 101.756

79, 3.571, 282.898

81, 12.258,
283.910

82, 20.869,
284.900

83, 26.119,
284.605

Harmonies

Complementary

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



72, 48.447, 96.015



47, 53.747, 291.942

Rectangle

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



72, 48.447, 96.015



72, 48.447, 146.015



72, 48.447, 276.015



72, 48.447, 326.015

Sweetspot

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



72, 48.448, 96.018



96, 18.424, 100.508



51, 46.689, 14.108



52, 12.429, 100.276



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, 48.448, 96.018



89, 69.978, 94.604



74, 57.779, 120.149



40, 4.945, 101.386



57, 61.586, 90.989



10, 15.157, 95.974

Inverse Universe

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



47, 53.747, 291.942



52, 81.180, 295.128



45, 65.139, 307.051



38, 5.014, 283.522



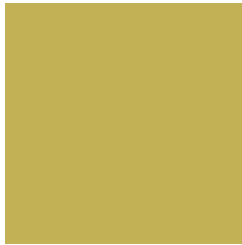
21, 85.104, 303.243



2, 17.225, 286.291

Previews

White Background



This preview shows how the CIELCh color 72, 48.447, 96.015 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, 48.447, 96.015 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, 48.447, 96.015

Background



This preview shows how black text looks on a background with the CIELCh color 72, 48.447, 96.015.



This preview shows how white text looks on a background with the CIELCh color 72, 48.447, 96.015.

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, 48.447, 96.015

Protanopia

72, 48.447, 96.015

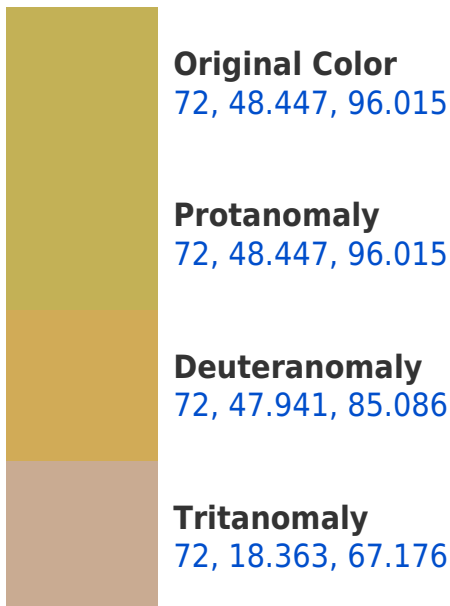
Deuteranopia

72, 48.431, 79.097

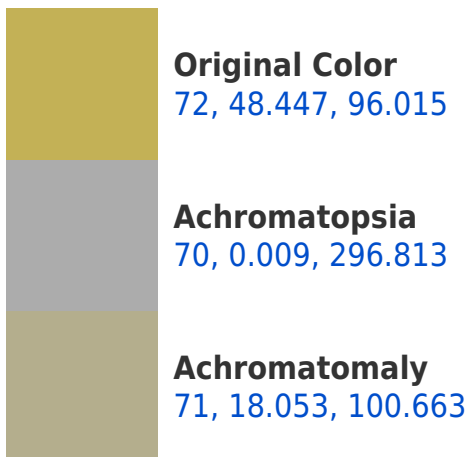


Tritanopia
72, 15.719, 354.261

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 48.447, 96.015 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(195, 177, 86)` looks like.

```
.text, #text, p{  
    color:rgb(195, 177, 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(195, 177, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 177, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 48.447, 96.015 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(195, 177, 86) }
```

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

```
.border{ border-color:rgb(195, 177, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 177, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 177, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 177, 86);  
box-shadow:4px 4px 4px 4px rgb(195, 177,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 48.447, 96.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 177, 86) }
```

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

```
.background{ background-color: rgb(195,  
177, 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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