

Converting Colors

CIELCh(72, 49.906, 95.647)

Have a look what the booklet for
CIELCh(72, 49.906, 95.647) contains.

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Color

CIELCh(72, 49.934, 95.615)

Conversions

Conversions Part 1

Format	Color
Hex	C4B153
RGB	196, 177, 83
RGB Percent	77%, 69%, 33%
CMY	0.2325, 0.3069, 0.6755
CMYK	0.00, 0.10, 0.58, 0.23
HSL	50°, 49%, 55%
HSV	50°, 58%, 77%
XYZ	39.9137, 43.6590, 14.4561
YIQ	171.9650, 41.4980, -25.2060

Conversions

Conversions Part 2

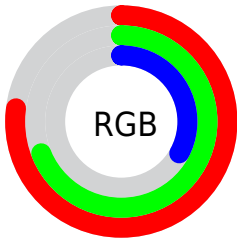
Format	Color
RYB	106, 196, 83
Decimal	12890451
CIELab	72.00, -4.89, 49.69
CIELCh	72, 49.934, 95.615
Yxy	43.6590, 0.4072, 0.4454
Android (android.graphics.Color)	4291080531 (0xFFC4B153)
YUV	171.9650, -43.8597, 21.0787
Hunter-Lab	66.0750, -7.8054, 33.2808

Details

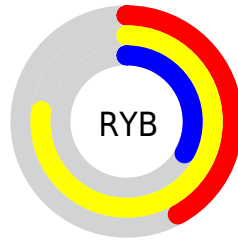
The CIELCh color **72, 49.934, 95.615** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **46, 55.641, 292.252**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 49.983, 95.287**, and **52, 49.998, 95.548** is the 20% darker color. If you saturate the color by 10%, you get **71, 57.447, 94.444**, and if you desaturate by 10%, it is **73, 41.728, 96.797**.

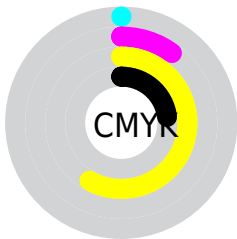
Distribution



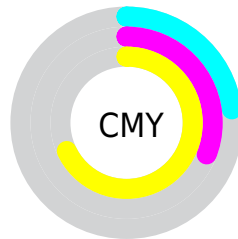
- Red (77%)
- Green (69%)
- Blue (33%)



- Red (42%)
- Yellow (77%)
- Blue (33%)



- Cyan (0%)
- Magenta (10%)
- Yellow (58%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 49.934, 95.615 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, 49.934, 95.615 by changing the saturation by 10% instead.

72, 49.934, 95.615

72, 49.934, 95.615

100, 49.934,
95.615

62, 49.934, 95.615

92, 49.934, 95.615

52, 49.934, 95.615

42, 49.934, 95.615

32, 49.934, 95.615

22, 49.934, 95.615

12, 49.934, 95.615

2, 49.934, 95.615

0, 49.934, 95.615

72, 49.934, 95.615

72, 49.934, 95.615

71, 57.447, 94.444

73, 41.728, 96.797

70, 63.781, 93.271

74, 33.147, 97.974

69, 68.323, 92.080

75, 24.390, 99.140

68, 70.674, 90.830

77, 15.573,
100.286

68, 71.094, 90.545

78, 6.763, 101.397

79, 2.003, 282.574

81, 10.704,
283.567

82, 19.329,
284.566

84, 25.843,
284.735

Harmonies

Complementary

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



72, 49.934, 95.615



46, 55.641, 292.252

Rectangle

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



72, 49.934, 95.615



72, 49.934, 145.615



72, 49.934, 275.615



72, 49.934, 325.615

Sweetspot

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



72, 49.935, 95.618



97, 18.519, 100.337



50, 48.317, 13.305



52, 12.392, 100.106



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, 49.935, 95.618



90, 72.093, 94.166



74, 59.411, 119.393



40, 4.930, 101.219



57, 61.492, 90.747



10, 15.101, 95.732

Inverse Universe

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



46, 55.641, 292.252



52, 84.253, 295.570



44, 67.541, 306.745



38, 4.997, 283.361



21, 84.862, 303.159



2, 17.186, 286.193

Previews

White Background



This preview shows how the CIELCh color 72, 49.934, 95.615 looks on a white background.

Color Contrast Check

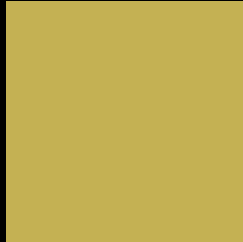
Large Text (above 18pt) WCAG AA × Fail

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, 49.934, 95.615 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, 49.934, 95.615

Background



This preview shows how black text looks on a background with the CIELCh color 72, 49.934, 95.615.



This preview shows how white text looks on a background with the CIELCh color 72, 49.934, 95.615.

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, 49.934, 95.615

Protanopia

72, 49.934, 95.615

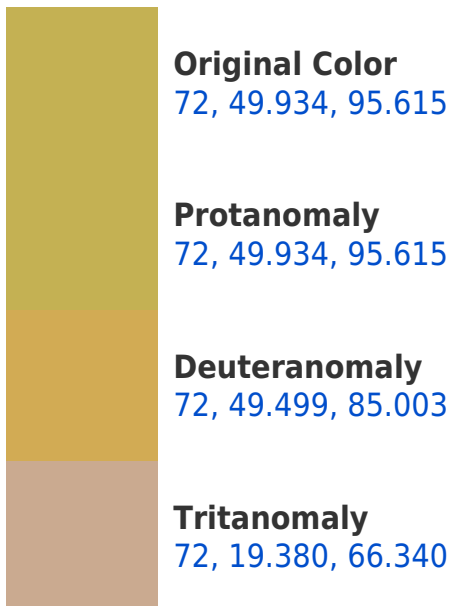
Deuteranopia

72, 50.006, 79.202



Tritanopia
72, 16.428, 355.570

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 49.934, 95.615 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(196, 177, 83)` looks like.

```
.text, #text, p{  
    color:rgb(196, 177, 83)  
}
```

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(196, 177, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 177, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 49.934, 95.615 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(196, 177, 83) }
```

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

```
.border{ border-color:rgb(196, 177, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 177, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 177, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 177, 83);  
box-shadow:4px 4px 4px 4px rgb(196, 177,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 49.934, 95.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 177, 83) }
```

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

```
.background{ background-color: rgb(196,  
177, 83) }
```

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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