

Converting Colors

CIELCh(72, 43.971, 94.554)

Have a look what the booklet for
CIELCh(72, 43.971, 94.554) contains.

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Color

CIELCh(72, 43.858, 94.412)

Conversions

Conversions Part 1

Format	Color
Hex	C4B05F
RGB	196, 176, 95
RGB Percent	77%, 69%, 37%
CMY	0.2310, 0.3095, 0.6271
CMYK	0.00, 0.10, 0.52, 0.23
HSL	48°, 46%, 57%
HSV	48°, 52%, 77%
XYZ	40.3991, 43.6590, 17.1433
YIQ	172.7460, 37.9210, -20.9510

Conversions

Conversions Part 2

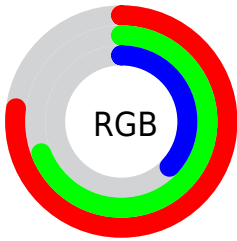
Format	Color
RYB	120, 196, 95
Decimal	12890207
CIELab	72.00, -3.37, 43.73
CIELCh	72, 43.858, 94.412
Yxy	43.6590, 0.3992, 0.4314
Android (android.graphics.Color)	4291080287 (0xFFC4B05F)
YUV	172.7460, -38.3288, 20.3938
Hunter-Lab	66.0750, -6.4940, 30.8696

Details

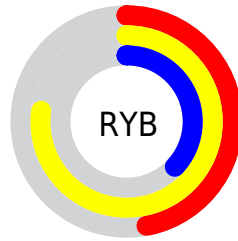
The CIELCh color **72, 43.858, 94.412** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **50, 47.322, 289.185**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 43.802, 94.376**, and **52, 43.959, 94.605** is the 20% darker color. If you saturate the color by 10%, you get **71, 51.774, 93.172**, and if you desaturate by 10%, it is **73, 35.520, 95.646**.

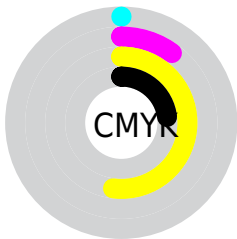
Distribution



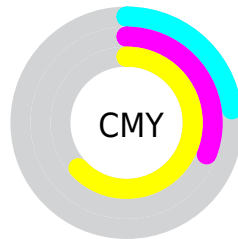
- Red (77%)
- Green (69%)
- Blue (37%)



- Red (47%)
- Yellow (77%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (52%)
- Black (23%)



- Cyan (23%)
- Magenta (31%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 43.858, 94.412 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, 43.858, 94.412 by changing the saturation by 10% instead.

 72, 43.858, 94.412

 72, 43.858, 94.412

 100, 43.858,
94.412

 62, 43.858, 94.412

 92, 43.858, 94.412

 52, 43.858, 94.412

 42, 43.858, 94.412

 32, 43.858, 94.412

 22, 43.858, 94.412

 12, 43.858, 94.412

 2, 43.858, 94.412

 0, 43.858, 94.412

 72, 43.858, 94.412

 72, 43.858, 94.412

71, 51.774, 93.172

73, 35.520, 95.646

70, 58.895, 91.913

75, 26.985, 96.861

68, 64.673, 90.616

76, 18.388, 98.052

67, 68.462, 89.234

77, 9.804, 99.210

66, 70.159, 87.976

79, 1.273, 100.235

80, 7.182, 281.467

82, 15.552,
282.500

84, 23.833,
283.495

85, 23.511,
280.237

Harmonies

Complementary

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



72, 43.858, 94.412



50, 47.322, 289.185

Rectangle

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



72, 43.858, 94.412



72, 43.858, 144.412



72, 43.858, 274.412



72, 43.858, 324.412

Sweetspot

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



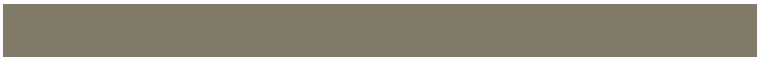
72, 43.859, 94.415



97, 15.838, 98.784



53, 43.051, 10.494



52, 10.814, 98.536



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, 43.859, 94.415



90, 64.435, 92.990



75, 53.540, 118.934



40, 4.778, 99.453



55, 60.600, 88.226



10, 14.545, 93.154

Inverse Universe

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



50, 47.322, 289.185



57, 71.906, 292.140



48, 60.008, 305.717



38, 4.833, 281.651



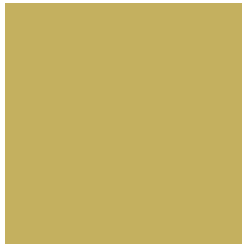
22, 82.268, 302.227



2, 16.792, 285.170

Previews

White Background



This preview shows how the CIELCh color 72, 43.858, 94.412 looks on a white background.

Color Contrast Check

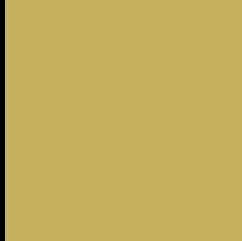
Large Text (above 18pt) WCAG AA × Fail

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, 43.858, 94.412 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, 43.858, 94.412

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.858, 94.412.

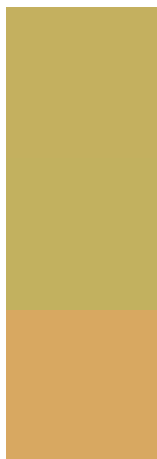


This preview shows how white text looks on a background with the CIELCh color 72, 43.858, 94.412.

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, 43.858, 94.412

Protanopia

72, 44.044, 96.175

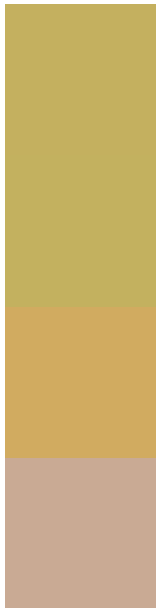
Deuteranopia

72, 44.084, 77.643



Tritanopia
72, 16.081, 354.933

Trichromacy



Original Color
72, 43.858, 94.412

Protanomaly
72, 44.129, 95.618

Deuteranomaly
72, 43.715, 83.670

Tritanomaly
72, 17.450, 62.927

Monochromacy



Original Color
72, 43.858, 94.412

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 15.979, 98.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.858, 94.412 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, 176, 95)` looks like.

```
.text, #text, p{  
    color:rgb(196, 176, 95)  
}
```

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, 176, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 176, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.858, 94.412 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, 176, 95) }
```

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

```
.border{ border-color:rgb(196, 176, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 176, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 176, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 176, 95);  
box-shadow:4px 4px 4px 4px rgb(196, 176,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.858, 94.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 176, 95) }
```

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

```
.background{ background-color: rgb(196,  
176, 95) }
```

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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