

Converting Colors

CIELCh(72, 28.968, 89.869)

Have a look what the booklet for
CIELCh(72, 28.968, 89.869) contains.

CIELCh(72, 28.802, 90.474)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 28.802, 90.474)

Conversions

Conversions Part 1

Format	Color
Hex	C3AF7C
RGB	195, 175, 124
RGB Percent	76%, 69%, 49%
CMY	0.2357, 0.3141, 0.5141
CMYK	0.00, 0.10, 0.36, 0.24
HSL	43°, 37%, 63%
HSV	43°, 36%, 76%
XYZ	41.4184, 43.6590, 25.2796
YIQ	175.1660, 28.2910, -11.6210

Conversions

Conversions Part 2

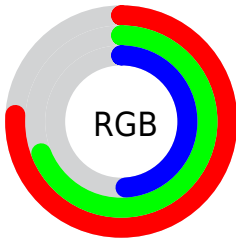
Format	Color
RYB	152, 195, 124
Decimal	12824444
CIELab	72.00, -0.24, 28.80
CIELCh	72, 28.802, 90.474
Yxy	43.6590, 0.3753, 0.3956
Android (android.graphics.Color)	4291014524 (0xFFC3AF7C)
YUV	175.1660, -25.2248, 17.3944
Hunter-Lab	66.0750, -3.7403, 23.5687

Details

The CIELCh color **72, 28.802, 90.474** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60, 29.249, 280.759**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 28.596, 90.408**, and **52, 29.105, 90.996** is the 20% darker color. If you saturate the color by 10%, you get **70, 36.824, 89.143**, and if you desaturate by 10%, it is **74, 20.777, 91.779**.

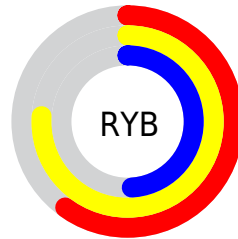
Distribution



Red (76%)

Green (69%)

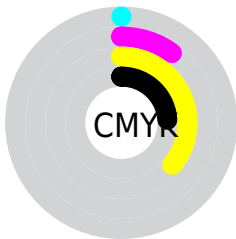
Blue (49%)



Red (60%)

Yellow (76%)

Blue (49%)

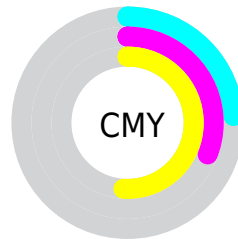


Cyan (0%)

Magenta (10%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (31%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 28.802, 90.474 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, 28.802, 90.474 by changing the saturation by 10% instead.

 72, 28.802, 90.474

 72, 28.802, 90.474

 100, 28.802,
90.474

 62, 28.802, 90.474

 92, 28.802, 90.474

 52, 28.802, 90.474

 42, 28.802, 90.474

 32, 28.802, 90.474

 22, 28.802, 90.474

 12, 28.802, 90.474

 2, 28.802, 90.474

 0, 28.802, 90.474

 72, 28.802, 90.474

 72, 28.802, 90.474

70, 36.824, 89.143

74, 20.777, 91.779

69, 44.700, 87.769

76, 12.822, 93.038

67, 52.176, 86.341

78, 4.972, 94.238

65, 58.823, 84.821

79, 2.758, 275.533

64, 64.001, 83.129

81, 10.364,
276.612

62, 67.046, 81.142

83, 17.849,
277.686

62, 67.889, 80.405

85, 22.535,
276.656

87, 20.254,
269.209

88, 18.388,
260.149

Harmonies

Complementary

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



72, 28.802, 90.474



60, 29.249, 280.759

Rectangle

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



72, 28.802, 90.474



72, 28.802, 140.474



72, 28.802, 270.474



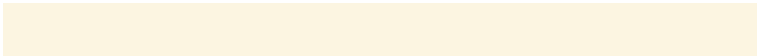
72, 28.802, 320.474

Sweetspot

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



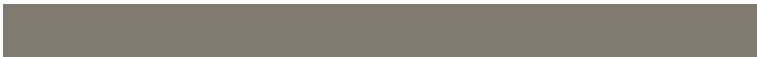
72, 28.803, 90.479



97, 10.549, 93.680



60, 30.315, 1.396



52, 7.154, 93.513



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, 28.803, 90.479



89, 43.048, 89.378



76, 37.855, 116.231



40, 4.379, 93.896



52, 58.884, 80.776



9, 13.181, 84.781

Inverse Universe

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



60, 29.249, 280.759



71, 44.027, 282.561



56, 41.107, 301.673



38, 4.401, 276.248



25, 74.027, 298.881



3, 15.724, 282.055

Previews

White Background



This preview shows how the CIELCh color 72, 28.802, 90.474 looks on a white background.

Color Contrast Check

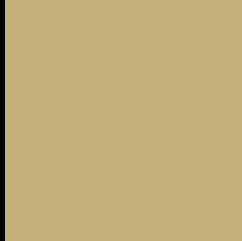
Large Text (above 18pt) WCAG AA × Fail

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, 28.802, 90.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

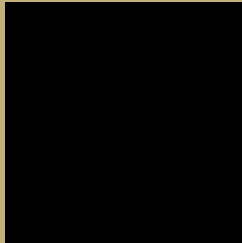
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 28.802, 90.474

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.802, 90.474.



This preview shows how white text looks on a background with the CIELCh color 72, 28.802, 90.474.

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, 28.802, 90.474

Protanopia

72, 28.101, 95.421

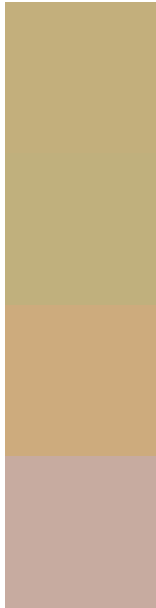
Deuteranopia

72, 29.818, 72.154



Tritanopia
72, 14.349, 351.314

Trichromacy



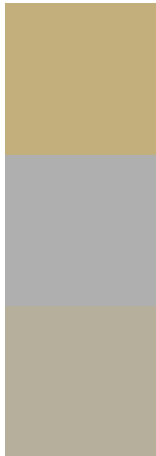
Original Color
72, 28.802, 90.474

Protanomaly
72, 28.299, 93.756

Deuteranomaly
72, 28.958, 77.944

Tritanomaly
72, 12.615, 48.245

Monochromacy



Original Color
72, 28.802, 90.474

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.661, 94.200

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.802, 90.474 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, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(195, 175, 124)  
}
```

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, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 175, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.802, 90.474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

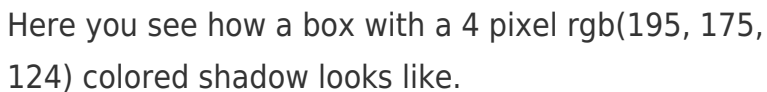
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 175, 124) }
```

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

```
.border{ border-color:rgb(195, 175, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 175, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 175, 124); box-shadow:4px 4px 4px 4px rgb(195, 175, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.802, 90.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 175, 124) }
```

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

```
.background{ background-color: rgb(195,  
175, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor