

Converting Colors

CIELCh(72, 24.759, 81.482)

Have a look what the booklet for
CIELCh(72, 24.759, 81.482) contains.

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Color

CIELCh(72, 24.796, 82.090)

Conversions

Conversions Part 1

Format	Color
Hex	C7AD84
RGB	199, 173, 132
RGB Percent	78%, 68%, 52%
CMY	0.2199, 0.3218, 0.4826
CMYK	0.00, 0.13, 0.34, 0.22
HSL	37°, 37%, 65%
HSV	37°, 34%, 78%
XYZ	42.6266, 43.6590, 27.9874
YIQ	176.1000, 28.6570, -7.2390

Conversions

Conversions Part 2

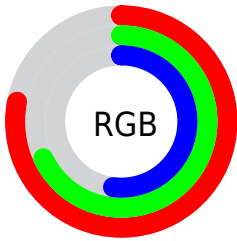
Format	Color
RYB	174, 199, 132
Decimal	13086084
CIELab	72.00, 3.41, 24.56
CIELCh	72, 24.796, 82.090
Yxy	43.6590, 0.3730, 0.3821
Android (android.graphics.Color)	4291276164 (0xFFC7AD84)
YUV	176.1000, -21.7413, 20.0833
Hunter-Lab	66.0750, -0.4763, 21.1390

Details

The CIELCh color **72, 24.796, 82.090** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 24.010, 271.974**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 24.572, 83.088**, and **52, 24.904, 82.450** is the 20% darker color. If you saturate the color by 10%, you get **70, 32.570, 80.709**, and if you desaturate by 10%, it is **74, 17.192, 83.443**.

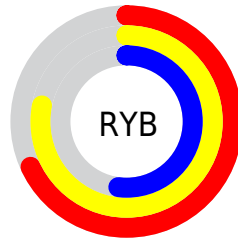
Distribution



Red (78%)

Green (68%)

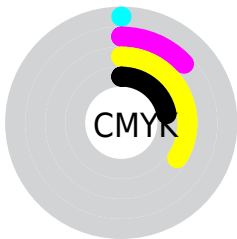
Blue (52%)



Red (68%)

Yellow (78%)

Blue (52%)

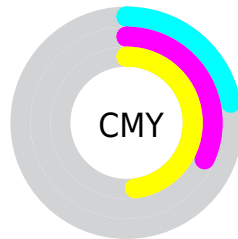


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 24.796, 82.090 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, 24.796, 82.090 by changing the saturation by 10% instead.

■ 72, 24.796, 82.090

■ 72, 24.796, 82.090

■ 100, 24.796,
82.090

■ 62, 24.796, 82.090

■ 92, 24.796, 82.090

■ 52, 24.796, 82.090

■ 42, 24.796, 82.090

■ 32, 24.796, 82.090

■ 22, 24.796, 82.090

■ 12, 24.796, 82.090

■ 2, 24.796, 82.090

■ 0, 24.796, 82.090

■ 72, 24.796, 82.090

■ 72, 24.796, 82.090

70, 32.570, 80.709

74, 17.192, 83.443

67, 40.430, 79.278

77, 9.787, 84.746

65, 48.209, 77.779

79, 2.588, 85.940

63, 55.576, 76.156

82, 4.413, 267.340

61, 61.954, 74.292

84, 11.228,
268.482

59, 66.522, 71.979

87, 17.874,
269.602

58, 68.590, 70.326

89, 16.993,
258.677

91, 15.499,
241.867

93, 15.489,
223.552

Harmonies

Complementary

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



72, 24.796, 82.090



65, 24.010, 271.974

Rectangle

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



72, 24.796, 82.090



72, 24.796, 132.090



72, 24.796, 262.090



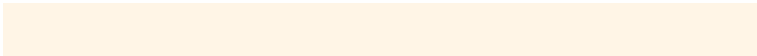
72, 24.796, 312.090

Sweetspot

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



72, 24.797, 82.096



97, 8.708, 85.190



63, 29.804, 352.979



51, 5.954, 85.012



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, 24.797, 82.096



88, 36.354, 81.142



78, 35.251, 111.376



41, 4.031, 85.285



48, 59.180, 70.842



8, 13.418, 71.917

Inverse Universe

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



65, 24.010, 271.974



77, 34.981, 273.501



58, 38.247, 297.610



39, 4.006, 267.789



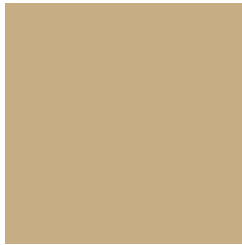
30, 63.295, 292.859



4, 15.821, 278.166

Previews

White Background



This preview shows how the CIELCh color 72, 24.796, 82.090 looks on a white background.

Color Contrast Check

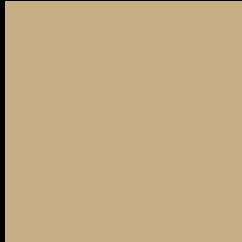
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 24.796, 82.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

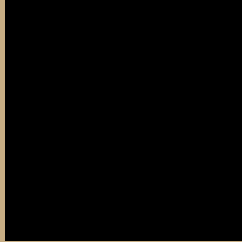
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 24.796, 82.090

Background



This preview shows how black text looks on a background with the CIELCh color 72, 24.796, 82.090.



This preview shows how white text looks on a background with the CIELCh color 72, 24.796, 82.090.

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, 24.796, 82.090

Protanopia

72, 23.836, 94.873

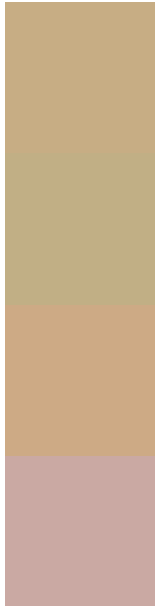
Deuteranopia

72, 25.699, 68.860



Tritanopia
72, 15.719, 354.261

Trichromacy



Original Color
72, 24.796, 82.090

Protanomaly
72, 23.925, 89.788

Deuteranomaly
72, 25.029, 72.476

Tritanomaly
72, 13.421, 34.389

Monochromacy



Original Color
72, 24.796, 82.090

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 8.854, 85.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 24.796, 82.090 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(199, 173, 132)` looks like.

```
.text, #text, p{  
    color:rgb(199, 173, 132)  
}
```

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(199, 173, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 173, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 24.796, 82.090 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(199, 173, 132) }
```

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

```
.border{ border-color:rgb(199, 173, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 173, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 173, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 173, 132);  
box-shadow:4px 4px 4px 4px rgb(199, 173,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 24.796, 82.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 173, 132) }
```

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

```
.background{ background-color: rgb(199,  
173, 132) }
```

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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