

Converting Colors

CIELCh(72, 27.703, 120.223)

Have a look what the booklet for
CIELCh(72, 27.703, 120.223)
contains.

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Color

CIELCh(72, 28.015, 119.965)

Conversions

Conversions Part 1

Format	Color
Hex	A8B784
RGB	168, 183, 132
RGB Percent	66%, 72%, 52%
CMY	0.3426, 0.2838, 0.4837
CMYK	0.08, 0.00, 0.28, 0.28
HSL	78°, 26%, 62%
HSV	78°, 28%, 72%
XYZ	37.0715, 43.6590, 28.1792
YIQ	172.7010, 7.4310, -19.0410

Conversions

Conversions Part 2

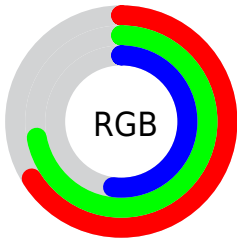
Format	Color
RYB	132, 183, 147
Decimal	11057028
CIELab	72.00, -13.99, 24.27
CIELCh	72, 28.015, 119.965
Yxy	43.6590, 0.3404, 0.4009
Android (android.graphics.Color)	4289247108 (0xFFA8B784)
YUV	172.7010, -20.0656, -4.1228
Hunter-Lab	66.0750, -15.4834, 20.9669

Details

The CIELCh color **72, 28.015, 119.965** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 29.610, 303.458**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 28.200, 119.601**, and **52, 28.021, 120.250** is the 20% darker color. If you saturate the color by 10%, you get **71, 37.794, 119.394**, and if you desaturate by 10%, it is **73, 18.045, 120.557**.

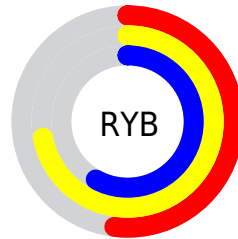
Distribution



Red (66%)

Green (72%)

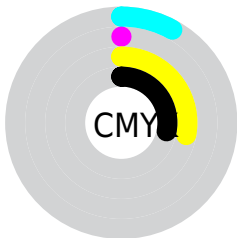
Blue (52%)



Red (52%)

Yellow (72%)

Blue (58%)

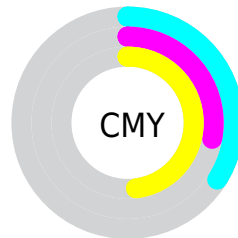


Cyan (8%)

Magenta (0%)

Yellow (28%)

Black (28%)



Cyan (34%)


Magenta (28%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 28.015, 119.965 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, 28.015, 119.965 by changing the saturation by 10% instead.


 72, 28.015,
119.965


 72, 28.015,
119.965


 100, 28.015,
119.965


 62, 28.015,
119.965


 92, 28.015,
119.965


 52, 28.015,
119.965

 42, 28.015,
119.965

 32, 28.015,
119.965

 22, 28.015,
119.965

 12, 28.015,
119.965

 2, 28.015, 119.965

0, 28.015, 119.965

72, 28.015,
119.965

72, 28.015,
119.965

71, 37.794,
119.394

73, 18.045,
120.557

71, 47.228,
118.871

74, 7.979, 121.142

70, 56.099,
118.446

74, 2.112, 301.680

75, 12.182,
302.233

70, 64.089,
118.193

76, 22.195,
302.738

69, 70.784,
118.208

77, 32.126,
303.209

69, 75.746,
118.598

78, 39.614,

■ 68, 78.842,
119.408

304.161

■ 68, 79.409,
119.587

■ 79, 39.951,
306.669

■ 79, 40.359,
309.162

Harmonies

Complementary

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



72, 28.015, 119.965



58, 29.610, 303.458

Rectangle

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



72, 28.015, 119.965



72, 28.015, 169.965



72, 28.015, 299.965



72, 28.015, 349.965

Sweetspot

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



72, 28.017, 119.968



93, 9.972, 121.130



64, 17.297, 48.044



50, 7.145, 121.042



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 28.017, 119.968



91, 40.812, 119.641



70, 31.746, 136.901



38, 5.736, 121.059



59, 70.454, 119.411



9, 16.012, 125.536

Inverse Universe

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



58, 29.610, 303.458



70, 43.692, 303.917



60, 32.191, 319.521



36, 5.843, 302.135



20, 89.715, 308.372



1, 15.584, 298.748

Previews

White Background



This preview shows how the CIELCh color 72, 28.015, 119.965 looks on a white background.

Color Contrast Check

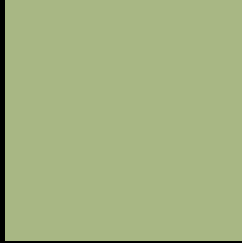
Large Text (above 18pt) WCAG AA × Fail

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, 28.015, 119.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

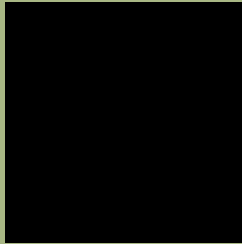
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

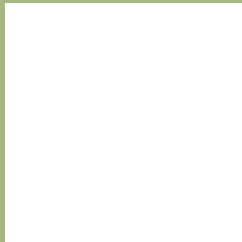
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 28.015, 119.965

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.015, 119.965.

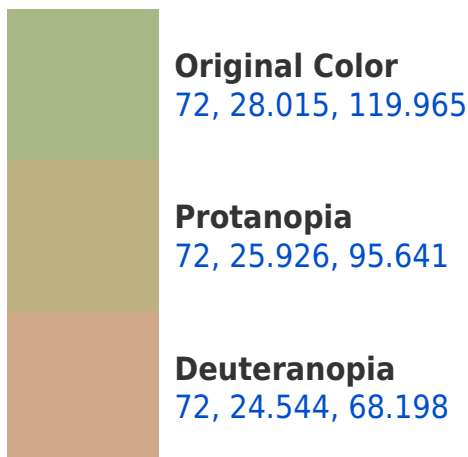



This preview shows how white text looks on a background with the CIELCh color 72, 28.015, 119.965.

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





Tritanopia
72, 7.647, 293.647

Trichromacy



Original Color
72, 28.015, 119.965

Protanomaly
72, 25.852, 104.871

Deuteranomaly
72, 23.070, 88.126

Tritanomaly
72, 5.763, 128.846

Monochromacy



Original Color
72, 28.015, 119.965

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 10.596, 121.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.015, 119.965 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(168, 183, 132)` looks like.

```
.text, #text, p{  
    color:rgb(168, 183, 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(168, 183, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 183, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.015, 119.965 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(168, 183, 132) }
```

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

```
.border{ border-color:rgb(168, 183, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 183, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 183, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 183, 132);  
box-shadow:4px 4px 4px 4px rgb(168, 183,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.015, 119.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 183, 132) }
```

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

```
.background{ background-color: rgb(168,  
183, 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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