

Converting Colors

CIELCh(72, 26.586, 121.474)

Have a look what the booklet for
CIELCh(72, 26.586, 121.474)
contains.

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Color

CIELCh(72, 26.571, 121.617)

Conversions

Conversions Part 1

Format	Color
Hex	A7B787
RGB	167, 183, 135
RGB Percent	65%, 72%, 53%
CMY	0.3463, 0.2836, 0.4718
CMYK	0.09, 0.00, 0.26, 0.28
HSL	80°, 25%, 62%
HSV	80°, 26%, 72%
XYZ	37.0907, 43.6590, 29.2832
YIQ	172.7440, 5.8720, -18.3200

Conversions

Conversions Part 2

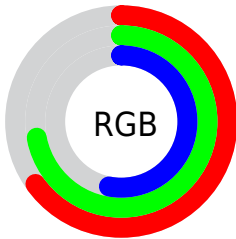
Format	Color
RYB	135, 183, 151
Decimal	10991495
CIELab	72.00, -13.93, 22.63
CIElCh	72, 26.571, 121.617
Yxy	43.6590, 0.3371, 0.3968
Android (android.graphics.Color)	4289181575 (0xFFA7B787)
YUV	172.7440, -18.6078, -5.0375
Hunter-Lab	66.0750, -15.4314, 19.9762

Details

The CIELCh color $72, 26.571, 121.617$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $59, 27.908, 304.672$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 26.405, 122.153$, and $52, 26.416, 121.209$ is the 20% darker color. If you saturate the color by 10%, you get $71, 36.475, 121.072$, and if you desaturate by 10%, it is $73, 16.502, 122.177$.

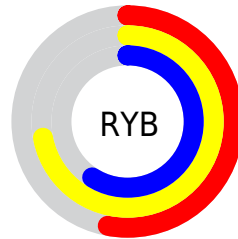
Distribution



Red (65%)

Green (72%)

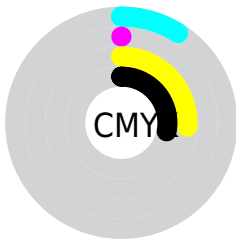
Blue (53%)



Red (53%)

Yellow (72%)

Blue (59%)

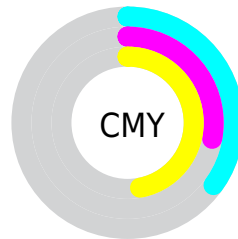


Cyan (9%)

Magenta (0%)

Yellow (26%)

Black (28%)



Cyan (35%)


Magenta (28%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.571, 121.617 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, 26.571, 121.617 by changing the saturation by 10% instead.


 72, 26.571,
121.617


 72, 26.571,
121.617


 100, 26.571,
121.617


 62, 26.571,
121.617


 92, 26.571,
121.617

 52, 26.571,
121.617

 42, 26.571,
121.617

 32, 26.571,
121.617

 22, 26.571,
121.617

 12, 26.571,
121.617

 2, 26.571, 121.617

■ 0, 26.571, 121.617

■ 72, 26.571,
121.617

■ 72, 26.571,
121.617

■ 71, 36.475,
121.072

■ 73, 16.502,
122.177

■ 71, 46.069,
120.567

■ 74, 6.356, 122.729

■ 70, 55.148,
120.151

■ 75, 3.797, 303.230

■ 76, 13.913,
303.736

■ 69, 63.414,
119.895

■ 77, 23.957,
304.201

■ 69, 70.467,
119.897

■ 78, 33.907,
304.630

■ 68, 75.863,
120.270

■ 79, 39.833,

■ 68, 79.334,
121.095

306.047

■ 68, 80.394,
121.443

■ 79, 40.281,
308.878

■ 80, 40.819,
311.677

Harmonies

Complementary

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



72, 26.571, 121.617



59, 27.908, 304.672

Rectangle

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



72, 26.571, 121.617



72, 26.571, 171.617



72, 26.571, 301.617



72, 26.571, 351.617

Sweetspot

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



72, 26.573, 121.619



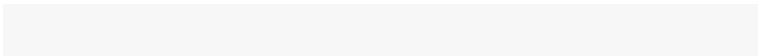
93, 10.034, 122.627



65, 16.004, 53.715



50, 7.190, 122.544



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, 26.573, 121.619



90, 39.889, 121.274



70, 30.354, 138.407



38, 5.772, 122.560



59, 71.299, 121.255



9, 16.177, 127.225

Inverse Universe

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



59, 27.908, 304.672



71, 42.453, 305.134



61, 30.650, 320.977



36, 5.875, 303.565



20, 89.094, 308.916



1, 15.636, 299.852

Previews

White Background



This preview shows how the CIELCh color 72, 26.571, 121.617 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, 26.571, 121.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

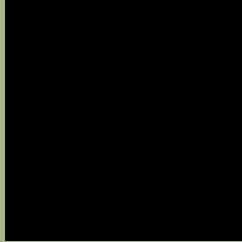
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

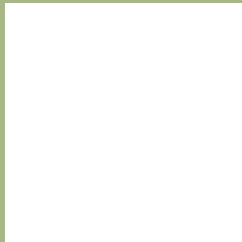
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 26.571, 121.617

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.571, 121.617.



This preview shows how white text looks on a background with the CIELCh color 72, 26.571, 121.617.

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, 26.571, 121.617

Protanopia
72, 24.359, 95.081

Deuteranopia
72, 22.969, 66.670



Tritanopia
72, 7.106, 285.030

Trichromacy



Original Color
72, 26.571, 121.617

Protanomaly
72, 24.262, 104.867

Deuteranomaly
72, 21.392, 87.961

Tritanomaly
72, 5.580, 137.957

Monochromacy



Original Color
72, 26.571, 121.617

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 10.068, 122.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.571, 121.617 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(167, 183, 135)` looks like.

```
.text, #text, p{  
    color:rgb(167, 183, 135)  
}
```

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(167, 183, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 183, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.571, 121.617 is called "border". The border property can be set on classes, ids or directly on the HTML element.

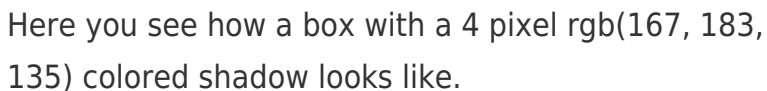
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 183, 135) }
```

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

```
.border{ border-color:rgb(167, 183, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 183, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 183, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 183, 135); box-shadow:4px 4px 4px 4px rgb(167, 183, 135) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.571, 121.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 183, 135) }
```

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

```
.background{ background-color: rgb(167,  
183, 135) }
```

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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