

Converting Colors

CIELCh(72, 27.001, 120.441)

Have a look what the booklet for
CIELCh(72, 27.001, 120.441)
contains.

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Color

CIELCh(72, 26.986, 120.509)

Conversions

Conversions Part 1

Format	Color
Hex	A8B786
RGB	168, 183, 134
RGB Percent	66%, 72%, 53%
CMY	0.3430, 0.2842, 0.4762
CMYK	0.08, 0.00, 0.27, 0.28
HSL	78°, 25%, 62%
HSV	78°, 27%, 72%
XYZ	37.1607, 43.6590, 28.8615
YIQ	172.9290, 6.7890, -18.4190

Conversions

Conversions Part 2

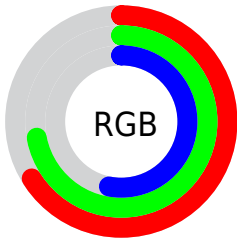
Format	Color
RYB	134, 183, 149
Decimal	11057030
CIELab	72.00, -13.70, 23.25
CIElCh	72, 26.986, 120.509
Yxy	43.6590, 0.3388, 0.3981
Android (android.graphics.Color)	4289247110 (0xFFA8B786)
YUV	172.9290, -19.1920, -4.3227
Hunter-Lab	66.0750, -15.2425, 20.3546

Details

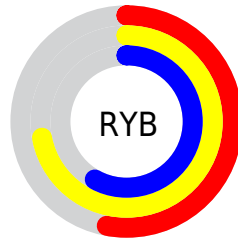
The CIELCh color **72, 26.986, 120.509** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 28.431, 303.784**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 27.210, 120.078**, and **52, 26.952, 120.879** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.812, 119.945**, and if you desaturate by 10%, it is **73, 16.984, 121.091**.

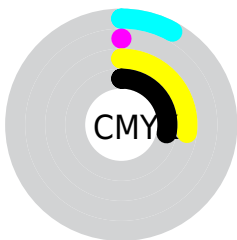
Distribution



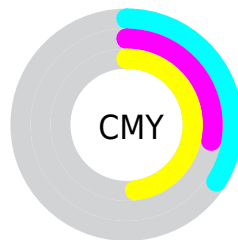
- Red (66%)
- Green (72%)
- Blue (53%)



- Red (53%)
- Yellow (72%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (27%)
- Black (28%)





- Cyan (34%)
- Magenta (28%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.986, 120.509 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, 26.986, 120.509 by changing the saturation by 10% instead.


 72, 26.986,
120.509


 72, 26.986,
120.509


 100, 26.986,
120.509


 62, 26.986,
120.509


 92, 26.986,
120.509

 52, 26.986,
120.509

 42, 26.986,
120.509

 32, 26.986,
120.509

 22, 26.986,
120.509

 12, 26.986,
120.509

 2, 26.986, 120.509

■ 0, 26.986, 120.509

■ 72, 26.986,
120.509

■ 72, 26.986,
120.509

■ 71, 36.812,
119.945

■ 73, 16.984,
121.091

■ 71, 46.315,
119.424

■ 74, 6.896, 121.665

■ 70, 55.284,
118.995

■ 75, 3.208, 302.193

■ 70, 63.416,
118.730

■ 76, 13.284,
302.726

■ 69, 70.304,
118.724

■ 77, 23.297,
303.216

■ 69, 75.507,
119.086

■ 78, 33.223,
303.672

■ 79, 39.758,

■ 68, 78.795,
119.886

304.857

■ 68, 79.666,
120.167

■ 79, 40.130,
307.458

■ 79, 40.578,
310.039

Harmonies

Complementary

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



72, 26.986, 120.509



59, 28.431, 303.784

Rectangle

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



72, 26.986, 120.509



72, 26.986, 170.509



72, 26.986, 300.509



72, 26.986, 350.509

Sweetspot

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



72, 26.988, 120.512



93, 9.990, 121.591



64, 16.471, 49.937



50, 7.158, 121.505



97, 0.011, 296.813



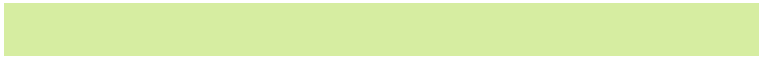
50, 0.007, 296.813

Same Dimension

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



72, 26.988, 120.512



91, 39.687, 120.185



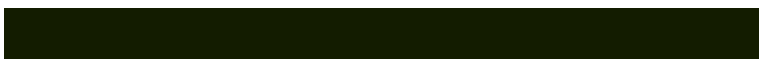
70, 30.663, 137.440



38, 5.747, 121.522



59, 70.707, 119.987



9, 16.062, 126.067

Inverse Universe

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



59, 28.431, 303.784



71, 42.342, 304.231



61, 31.040, 319.987



36, 5.853, 302.575



20, 89.529, 308.531



1, 15.600, 299.087

Previews

White Background



This preview shows how the CIELCh color 72, 26.986, 120.509 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, 26.986, 120.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

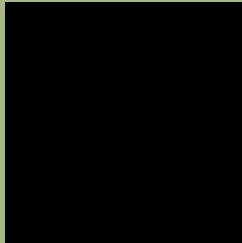
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

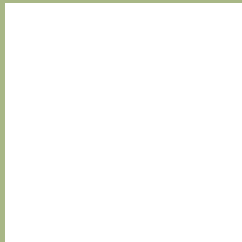
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 26.986, 120.509

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.986, 120.509.



This preview shows how white text looks on a background with the CIELCh color 72, 26.986, 120.509.

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, 26.986, 120.509

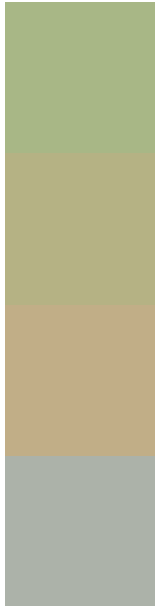
Protanopia
72, 24.881, 95.278

Deuteranopia
72, 24.113, 67.469



Tritanopia
72, 7.633, 290.929

Trichromacy



Original Color
72, 26.986, 120.509

Protanomaly
72, 24.793, 104.871

Deuteranomaly
72, 22.561, 87.748

Tritanomaly
72, 5.406, 134.492

Monochromacy



Original Color
72, 26.986, 120.509

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, 26.986, 120.509 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 183, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 183, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.986, 120.509 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, 134) }
```

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

```
.border{ border-color:rgb(168, 183, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 183, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 183, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 183,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.986, 120.509 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, 134) }
```

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

```
.background{ background-color: rgb(168,  
183, 134) }
```

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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