

Converting Colors

CIELCh(72, 29.951, 113.069)

Have a look what the booklet for
CIELCh(72, 29.951, 113.069)
contains.

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Color

CIELCh(72, 29.593, 112.835)

Conversions

Conversions Part 1

Format	Color
Hex	AEB57E
RGB	174, 181, 126
RGB Percent	68%, 71%, 49%
CMY	0.3169, 0.2894, 0.5052
CMYK	0.04, 0.00, 0.30, 0.29
HSL	68°, 27%, 60%
HSV	68°, 30%, 71%
XYZ	37.8404, 43.6590, 26.2337
YIQ	172.6370, 13.4830, -18.5890

Conversions

Conversions Part 2

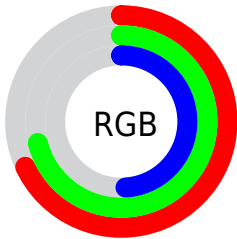
Format	Color
R_{YB}	126, 181, 133
Decimal	11449726
CIE _{Lab}	72.00, -11.48, 27.27
CIE _{LCh}	72, 29.593, 112.835
Yxy	43.6590, 0.3512, 0.4053
Android (android.graphics.Color)	4289639806 (0xFFAEB57E)
YUV	172.6370, -22.9920, 1.1954
Hunter-Lab	66.0750, -13.4063, 22.7126

Details

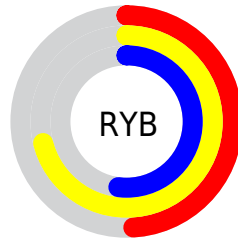
The CIELCh color **72, 29.593, 112.835** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55, 31.764, 298.063**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 29.756, 112.979**, and **52, 29.594, 112.480** is the 20% darker color. If you saturate the color by 10%, you get **72, 38.991, 112.090**, and if you desaturate by 10%, it is **73, 19.956, 113.610**.

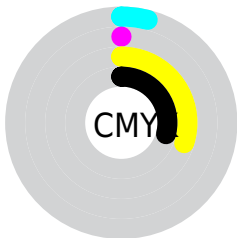
Distribution



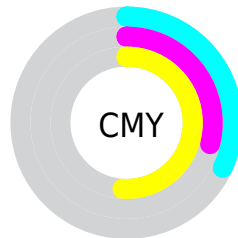
- Red (68%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (52%)



- Cyan (4%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)





- Cyan (32%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 29.593, 112.835 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, 29.593, 112.835 by changing the saturation by 10% instead.


 72, 29.593,
112.835


 72, 29.593,
112.835


 100, 29.593,
112.835


 62, 29.593,
112.835


 92, 29.593,
112.835

 52, 29.593,
112.835

 42, 29.593,
112.835

 32, 29.593,
112.835

 22, 29.593,
112.835

 12, 29.593,
112.835

 2, 29.593, 112.835

■ 0, 29.593, 112.835

■ 72, 29.593,
112.835

■ 72, 29.593,
112.835

■ 72, 38.991,
112.090

■ 73, 19.956,
113.610

■ 71, 47.979,
111.396

■ 73, 10.182,
114.384

■ 71, 56.314,
110.799

■ 74, 0.346, 115.104

■ 70, 63.645,
110.359

■ 74, 9.505, 295.887

■ 70, 69.531,
110.144

■ 75, 19.335,
296.593

■ 70, 73.553,
110.227

■ 76, 29.122,
297.266

■ 77, 38.845,

■ 70, 75.825,
110.565

297.902

■ 77, 39.955,
298.902

■ 77, 40.026,
299.951

Harmonies

Complementary

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



72, 29.593, 112.835



55, 31.764, 298.063

Rectangle

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



72, 29.593, 112.835



72, 29.593, 162.835



72, 29.593, 292.835



72, 29.593, 342.835

Sweetspot

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



72, 29.595, 112.838



92, 10.913, 114.477



60, 20.785, 31.314



49, 7.576, 114.367



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 29.595, 112.838



90, 43.068, 112.367



70, 32.621, 131.662



39, 5.629, 114.462



61, 67.728, 110.477



9, 15.393, 116.913

Inverse Universe

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



55, 31.764, 298.063



66, 47.041, 298.828



58, 33.628, 314.350



36, 5.749, 295.929



18, 91.721, 306.818



1, 15.430, 293.979

Previews

White Background



This preview shows how the CIELCh color 72, 29.593, 112.835 looks on a white background.

Color Contrast Check

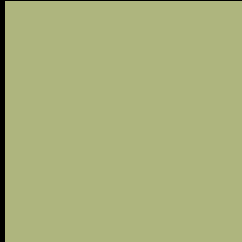
Large Text (above 18pt) WCAG AA × Fail

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, 29.593, 112.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

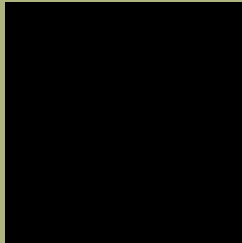
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 29.593, 112.835

Background



This preview shows how black text looks on a background with the CIELCh color 72, 29.593, 112.835.

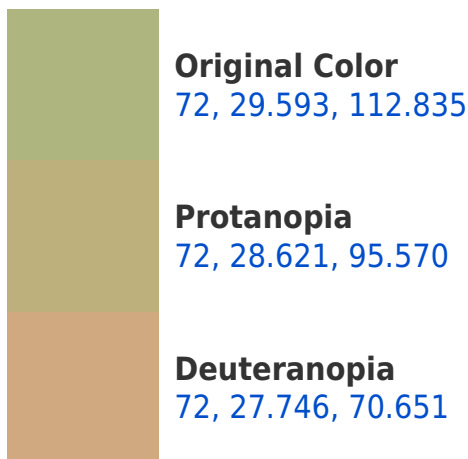



This preview shows how white text looks on a background with the CIELCh color 72, 29.593, 112.835.

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, 8.361, 314.185

Trichromacy



Original Color
72, 29.593, 112.835

Protanomaly
72, 28.573, 102.339

Deuteranomaly
72, 26.254, 86.249

Tritanomaly
72, 6.068, 98.625

Monochromacy



Original Color
72, 29.593, 112.835

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.925, 115.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 29.593, 112.835 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(174, 181, 126)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 126)  
}
```

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(174, 181, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 29.593, 112.835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

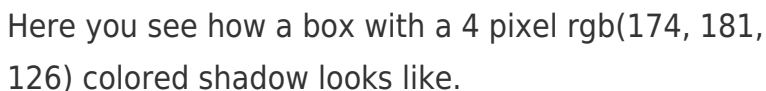
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 181, 126) }
```

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

```
.border{ border-color:rgb(174, 181, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 181, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 181, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 181, 126);  
box-shadow:4px 4px 4px 4px rgb(174, 181,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 29.593, 112.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 126) }
```

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

```
.background{ background-color: rgb(174,  
181, 126) }
```

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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