

Converting Colors

CIELCh(72, 26.312, 107.588)

Have a look what the booklet for
CIELCh(72, 26.312, 107.588)
contains.

CIELCh(72, 26.330, 107.562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 26.330, 107.562)

Conversions

Conversions Part 1

Format	Color
Hex	B3B382
RGB	179, 179, 130
RGB Percent	70%, 70%, 51%
CMY	0.2964, 0.2964, 0.4887
CMYK	0.00, 0.00, 0.27, 0.30
HSL	60°, 24%, 61%
HSV	60°, 27%, 70%
XYZ	38.9434, 43.6590, 27.6306
YIQ	173.4140, 15.7290, -15.2390

Conversions

Conversions Part 2

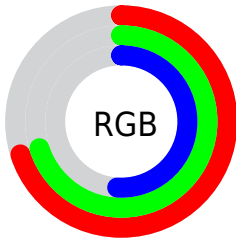
Format	Color
RYB	130, 179, 130
Decimal	11776898
CIELab	72.00, -7.94, 25.10
CIElCh	72, 26.330, 107.562
Yxy	43.6590, 0.3533, 0.3961
Android (android.graphics.Color)	4289966978 (0xFFB3B382)
YUV	173.4140, -21.4031, 4.8989
Hunter-Lab	66.0750, -10.4266, 21.4591

Details

The CIELCh color **72, 26.330, 107.562** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 28.087, 293.418**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 26.624, 108.026**, and **52, 26.198, 106.803** is the 20% darker color. If you saturate the color by 10%, you get **72, 35.686, 106.625**, and if you desaturate by 10%, it is **72, 16.773, 108.523**.

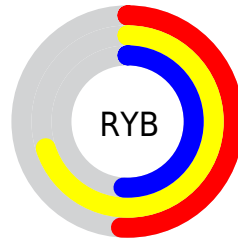
Distribution



Red (70%)

Green (70%)

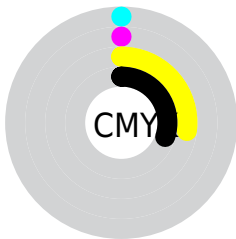
Blue (51%)



Red (51%)

Yellow (70%)

Blue (51%)

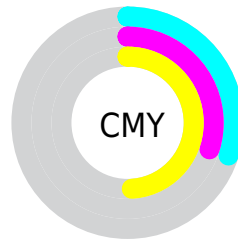


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (30%)



Cyan (30%)


Magenta (30%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.330, 107.562 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, 26.330, 107.562 by changing the saturation by 10% instead.


 72, 26.330,
107.562


 72, 26.330,
107.562


 100, 26.330,
107.562


 62, 26.330,
107.562


 92, 26.330,
107.562

 52, 26.330,
107.562

 42, 26.330,
107.562

 32, 26.330,
107.562

 22, 26.330,
107.562

 12, 26.330,
107.562

 2, 26.330, 107.562

■ 0, 26.330, 107.562

■ 72, 26.330,
107.562

■ 72, 26.330,
107.562

■ 72, 35.686,
106.625

■ 72, 16.773,
108.523

■ 71, 44.692,
105.723

■ 73, 7.105, 109.476

■ 71, 53.126,
104.887

■ 73, 2.611, 290.451

■ 71, 60.665,
104.152

■ 74, 12.336,
291.354

■ 71, 66.889,
103.556

■ 74, 22.041,
292.242

■ 71, 71.352,
103.136

■ 75, 31.707,
293.094

■ 76, 40.796,

■ 71, 73.882,
102.902

293.864

■ 71, 74.433,
102.851

■ 76, 40.796,
293.864

■ 76, 40.796,
293.864

Harmonies

Complementary

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



72, 26.330, 107.562



56, 28.087, 293.418

Rectangle

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



72, 26.330, 107.562



72, 26.330, 157.562



72, 26.330, 287.562



72, 26.330, 337.562

Sweetspot

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



72, 26.331, 107.566



92, 9.566, 109.399



59, 20.263, 20.280



49, 6.852, 109.257



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, 26.331, 107.566



90, 39.024, 106.977



70, 28.129, 127.222



38, 5.471, 109.287



61, 66.184, 102.851



8, 13.294, 110.079

Inverse Universe

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



56, 28.087, 293.418



67, 42.366, 294.378



58, 29.245, 309.812



34, 5.590, 291.130



17, 91.389, 306.287



1, 13.317, 290.177

Previews

White Background



This preview shows how the CIELCh color 72, 26.330, 107.562 looks on a white background.

Color Contrast Check

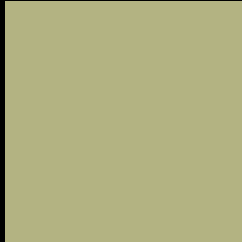
Large Text (above 18pt) WCAG AA × Fail

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, 26.330, 107.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

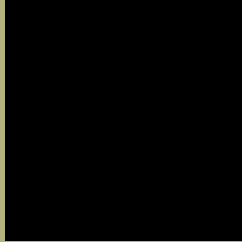
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

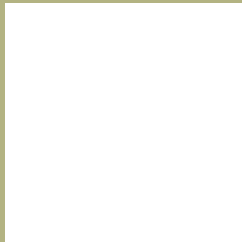
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 26.330, 107.562

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.330, 107.562.

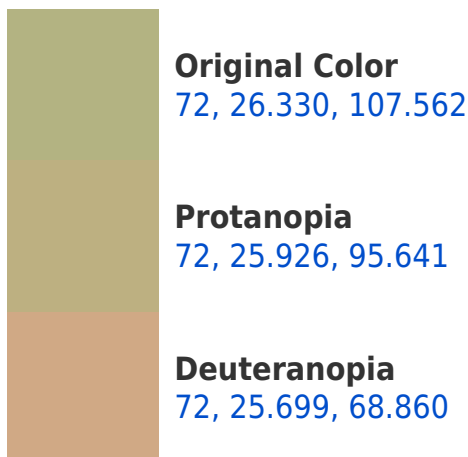



This preview shows how white text looks on a background with the CIELCh color 72, 26.330, 107.562.

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, 9.268, 324.824

Trichromacy



Original Color
72, 26.330, 107.562

Protanomaly
72, 25.593, 99.303

Deuteranomaly
72, 24.606, 82.963

Tritanomaly
72, 5.975, 74.184

Monochromacy



Original Color
72, 26.330, 107.562

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.765, 109.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.330, 107.562 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(179, 179, 130)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 130)  
}
```

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(179, 179, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.330, 107.562 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(179, 179, 130) }
```

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

```
.border{ border-color:rgb(179, 179, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 130);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.330, 107.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 130) }
```

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

```
.background{ background-color: rgb(179,  
179, 130) }
```

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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