

Converting Colors

CIELCh(72, 26.389, 106.003)

Have a look what the booklet for
CIELCh(72, 26.389, 106.003)
contains.

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Color

CIELCh(72, 26.340, 105.777)

Conversions

Conversions Part 1

Format	Color
Hex	B5B382
RGB	181, 179, 130
RGB Percent	71%, 70%, 51%
CMY	0.2903, 0.2981, 0.4903
CMYK	0.00, 0.01, 0.28, 0.29
HSL	58°, 26%, 61%
HSV	58°, 28%, 71%
XYZ	39.1902, 43.6590, 27.4706
YIQ	174.0120, 16.9210, -14.8150

Conversions

Conversions Part 2

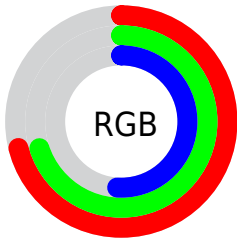
Format	Color
RYB	132, 181, 130
Decimal	11907970
CIELab	72.00, -7.16, 25.35
CIELCh	72, 26.340, 105.777
Yxy	43.6590, 0.3552, 0.3957
Android (android.graphics.Color)	4290098050 (0xFFB5B382)
YUV	174.0120, -21.6979, 6.1285
Hunter-Lab	66.0750, -9.7597, 21.6027

Details

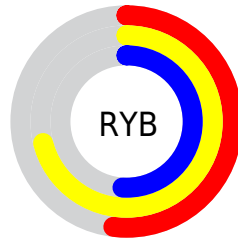
The CIELCh color **72, 26.340, 105.777** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 28.015, 292.029**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 26.631, 106.372**, and **52, 26.202, 105.826** is the 20% darker color. If you saturate the color by 10%, you get **72, 35.446, 104.793**, and if you desaturate by 10%, it is **73, 17.057, 106.778**.

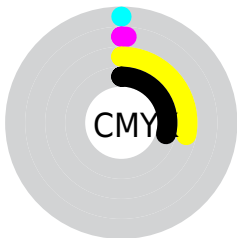
Distribution



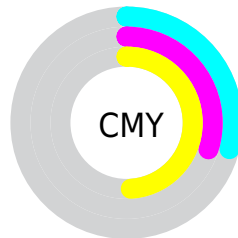
- Red (71%)
- Green (70%)
- Blue (51%)



- Red (52%)
- Yellow (71%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (28%)
- Black (29%)





- Cyan (29%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 26.340, 105.777 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, 26.340, 105.777 by changing the saturation by 10% instead.


 72, 26.340,
105.777


 72, 26.340,
105.777


 100, 26.340,
105.777


 62, 26.340,
105.777


 92, 26.340,
105.777

 52, 26.340,
105.777

 42, 26.340,
105.777

 32, 26.340,
105.777

 22, 26.340,
105.777

 12, 26.340,
105.777

 2, 26.340, 105.777

■ 0, 26.340, 105.777

■ 72, 26.340,
105.777

■ 72, 26.340,
105.777

■ 72, 35.446,
104.793

■ 73, 17.057,
106.778

■ 71, 44.227,
103.834

■ 73, 7.684, 107.765

■ 71, 52.462,
102.928

■ 74, 1.722, 288.793

■ 70, 59.822,
102.104

■ 74, 11.123,
289.705

■ 70, 65.864,
101.394

■ 75, 20.495,
290.618

■ 70, 70.114,
100.827

■ 76, 29.822,
291.494

■ 77, 38.211,

■ 70, 72.435,
100.400

292.220

■ 70, 72.792,
100.328

■ 77, 37.811,
291.831

■ 77, 37.412,
291.433

Harmonies

Complementary

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



72, 26.340, 105.777



57, 28.015, 292.029

Rectangle

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



72, 26.340, 105.777



72, 26.340, 155.777



72, 26.340, 285.777



72, 26.340, 335.777

Sweetspot

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



72, 26.341, 105.781



92, 9.280, 107.770



59, 21.043, 17.815



49, 6.590, 107.624



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, 26.341, 105.781



90, 39.092, 105.148



71, 28.973, 125.964



38, 5.261, 107.655



60, 64.336, 100.362



8, 12.526, 107.684

Inverse Universe

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



57, 28.015, 292.029



68, 42.290, 293.051



58, 30.253, 308.744



35, 5.367, 289.554



18, 89.452, 305.697



1, 12.914, 288.950

Previews

White Background



This preview shows how the CIELCh color 72, 26.340, 105.777 looks on a white background.

Color Contrast Check

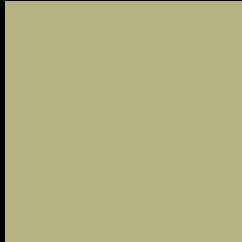
Large Text (above 18pt) WCAG AA × Fail

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, 26.340, 105.777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

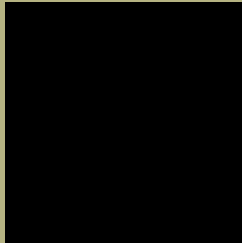
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

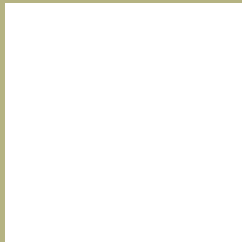
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 26.340, 105.777

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.340, 105.777.



This preview shows how white text looks on a background with the CIELCh color 72, 26.340, 105.777.

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, 26.340, 105.777

Protanopia

72, 26.020, 94.742

Deuteranopia

72, 26.138, 69.514



Tritanopia
72, 9.287, 330.582

Trichromacy



Original Color
72, 26.340, 105.777

Protanomaly
72, 26.184, 98.505

Deuteranomaly
72, 25.101, 83.391

Tritanomaly
72, 6.648, 74.064

Monochromacy



Original Color
72, 26.340, 105.777

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.769, 106.920

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 26.340, 105.777 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(181, 179, 130)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 179, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.340, 105.777 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(181, 179, 130) }
```

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

```
.border{ border-color:rgb(181, 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(181, 179, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 130);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.340, 105.777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 130) }
```

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

```
.background{ background-color: rgb(181,  
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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