

Converting Colors

CIELCh(72, 27.248, 106.989)

Have a look what the booklet for
CIELCh(72, 27.248, 106.989)
contains.

CIELCh(72, 26.860, 106.633)	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, 26.860, 106.633)

Conversions

Conversions Part 1

Format	Color
Hex	B4B381
RGB	180, 179, 129
RGB Percent	71%, 70%, 51%
CMY	0.2932, 0.2971, 0.4932
CMYK	0.00, 0.01, 0.28, 0.29
HSL	59°, 25%, 61%
HSV	59°, 28%, 71%
XYZ	39.0241, 43.6590, 27.2181
YIQ	173.5990, 16.6460, -15.3380

Conversions

Conversions Part 2

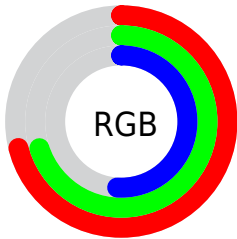
Format	Color
R_{YB}	130, 180, 129
Decimal	11842433
CIE _{Lab}	72.00, -7.69, 25.74
CIE _{LCh}	72, 26.860, 106.633
Yxy	43.6590, 0.3551, 0.3973
Android (android.graphics.Color)	4290032513 (0xFFB4B381)
YUV	173.5990, -21.9873, 5.6137
Hunter-Lab	66.0750, -10.2086, 21.8293

Details

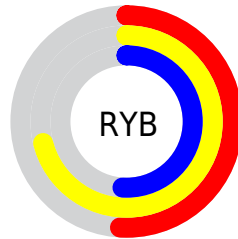
The CIELCh color **72, 26.860, 106.633** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 28.655, 292.820**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 27.131, 107.173**, and **52, 26.752, 105.773** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.078, 105.674**, and if you desaturate by 10%, it is **72, 17.447, 107.613**.

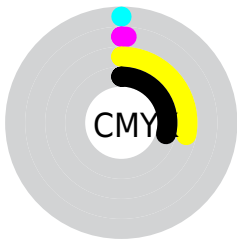
Distribution



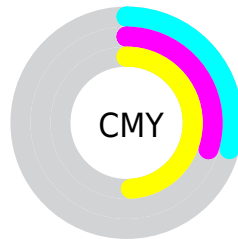
- Red (71%)
- Green (70%)
- Blue (51%)



- Red (51%)
- 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, 26.860, 106.633 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, 26.860, 106.633 by changing the saturation by 10% instead.


 72, 26.860,
106.633


 72, 26.860,
106.633


 100, 26.860,
106.633


 62, 26.860,
106.633


 92, 26.860,
106.633

 52, 26.860,
106.633

 42, 26.860,
106.633

 32, 26.860,
106.633

 22, 26.860,
106.633

 12, 26.860,
106.633

 2, 26.860, 106.633

■ 0, 26.860, 106.633

■ 72, 26.860,
106.633

■ 72, 26.860,
106.633

■ 72, 36.078,
105.674

■ 72, 17.447,
107.613

■ 71, 44.947,
104.747

■ 73, 7.929, 108.584

■ 71, 53.243,
103.881

■ 73, 1.633, 289.593

■ 71, 60.631,
103.108

■ 74, 11.198,
290.495

■ 71, 66.676,
102.465

■ 75, 20.740,
291.396

■ 70, 70.922,
101.984

■ 75, 30.241,
292.263

■ 76, 39.476,

■ 70, 73.271,
101.663

293.067

■ 70, 73.612,
101.613

■ 76, 39.274,
292.884

■ 76, 39.072,
292.699

Harmonies

Complementary

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



72, 26.860, 106.633



56, 28.655, 292.820

Rectangle

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



72, 26.860, 106.633



72, 26.860, 156.633



72, 26.860, 286.633



72, 26.860, 336.633

Sweetspot

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



72, 26.861, 106.637



92, 9.465, 108.600



59, 21.103, 19.114



49, 6.720, 108.456



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, 26.861, 106.637



91, 39.806, 106.030



70, 29.119, 126.569



38, 5.365, 108.486



60, 65.243, 101.629



8, 12.908, 108.929

Inverse Universe

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



56, 28.655, 292.820



67, 43.209, 293.813



58, 30.366, 309.309



35, 5.478, 290.357



17, 90.408, 305.991



1, 13.114, 289.573

Previews

White Background



This preview shows how the CIELCh color 72, 26.860, 106.633 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, 26.860, 106.633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

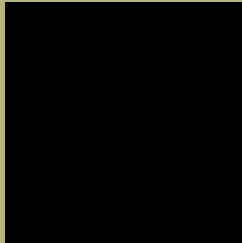
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

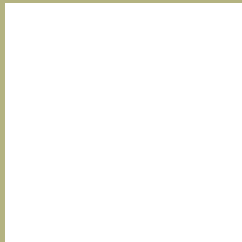
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 26.860, 106.633

Background



This preview shows how black text looks on a background with the CIELCh color 72, 26.860, 106.633.



This preview shows how white text looks on a background with the CIELCh color 72, 26.860, 106.633.

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, 26.860, 106.633

Protanopia
72, 26.541, 94.925

Deuteranopia
72, 26.580, 70.144



Tritanopia
72, 9.052, 328.744

Trichromacy



Original Color
72, 26.860, 106.633

Protanomaly
72, 26.645, 99.501

Deuteranomaly
72, 25.598, 83.801

Tritanomaly
72, 6.648, 74.064

Monochromacy



Original Color
72, 26.860, 106.633

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, 26.860, 106.633 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(180, 179, 129)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 129)  
}
```

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(180, 179, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 26.860, 106.633 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(180, 179, 129) }
```

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

```
.border{ border-color:rgb(180, 179, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 129);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 26.860, 106.633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 129) }
```

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

```
.background{ background-color: rgb(180,  
179, 129) }
```

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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