

Converting Colors

CIELCh(72, 12.516, 350.222)

Have a look what the booklet for
CIELCh(72, 12.516, 350.222)
contains.

CIELCh(72, 12.760, 349.891)	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, 12.760, 349.891)

Conversions

Conversions Part 1

Format	Color
Hex	C6A9B5
RGB	198, 169, 181
RGB Percent	78%, 66%, 71%
CMY	0.2240, 0.3377, 0.2906
CMYK	0.00, 0.15, 0.09, 0.22
HSL	335°, 20%, 72%
HSV	335°, 15%, 78%
XYZ	45.7575, 43.6590, 49.6736
YIQ	179.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

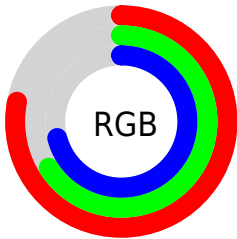
Format	Color
R_{YB}	198, 169, 181
Decimal	13019573
CIE _{Lab}	72.00, 12.56, -2.24
CIE _{LCh}	72, 12.760, 349.891
Yxy	43.6590, 0.3290, 0.3139
Android (android.graphics.Color)	4291209653 (0xFFC6A9B5)
YUV	179.0390, 0.9668, 16.6288
Hunter-Lab	66.0750, 7.9815, 1.6796

Details

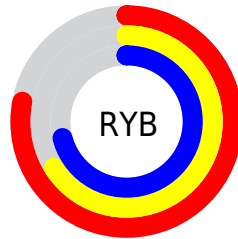
The CIELCh color $72, 12.760, 349.891$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 12.418, 167.289$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.007, 349.317$, and $52, 12.614, 350.669$ is the 20% darker color. If you saturate the color by 10%, you get $67, 21.726, 350.981$, and if you desaturate by 10%, it is $77, 3.991, 348.875$.

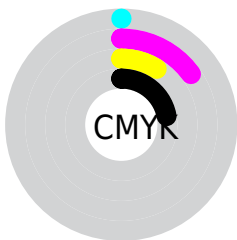
Distribution



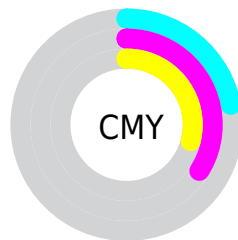
- Red (78%)
- Green (66%)
- Blue (71%)



- Red (78%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 12.760, 349.891 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, 12.760, 349.891 by changing the saturation by 10% instead.


 72, 12.760,
349.891


 72, 12.760,
349.891


 100, 12.760,
349.891


 62, 12.760,
349.891


 92, 12.760,
349.891

 52, 12.760,
349.891

 42, 12.760,
349.891

 32, 12.760,
349.891

 22, 12.760,
349.891

 12, 12.760,
349.891

 2, 12.760, 349.891

0, 12.760, 349.891

72, 12.760,
349.891

72, 12.760,
349.891

67, 21.726,
350.981

77, 3.991, 348.875

83, 4.497, 168.235

62, 30.757,
352.222

88, 12.672,
167.410

57, 39.627,
353.678

94, 20.526,
166.702

53, 48.010,
355.429

96, 21.167,
175.079

49, 55.493,
357.586

96, 19.104,
191.266

46, 61.629, 0.296

96, 18.742,

■ 44, 66.083, 3.734 198.267

■ 43, 68.820, 8.056

■ 42, 69.950, 10.604

Harmonies

Complementary

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



72, 12.760, 349.891



77, 12.418, 167.289

Rectangle

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



72, 12.760, 349.891



72, 12.760, 39.891



72, 12.760, 169.891



72, 12.760, 219.891

Sweetspot

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



72, 12.758, 349.895



97, 4.214, 348.807



71, 17.042, 312.543



52, 2.998, 348.894



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 12.758, 349.895



88, 19.349, 350.274



72, 10.393, 27.434



39, 4.921, 349.364



34, 60.567, 9.809



4, 17.140, 358.103

Inverse Universe

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



72, 12.758, 349.895



88, 19.349, 350.274



77, 9.436, 206.686



39, 4.921, 349.364



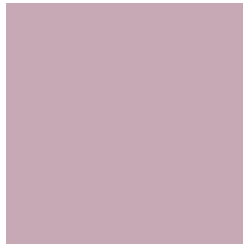
34, 60.567, 9.809



4, 17.140, 358.103

Previews

White Background



This preview shows how the CIELCh color 72, 12.760, 349.891 looks on a white background.

Color Contrast Check

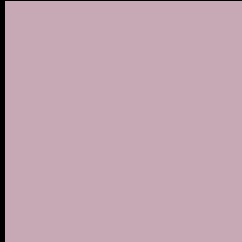
Large Text (above 18pt) WCAG AA × Fail

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, 12.760, 349.891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

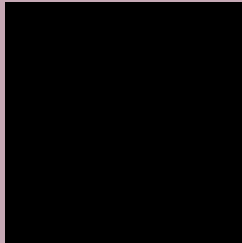
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 12.760, 349.891

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.760, 349.891.



This preview shows how white text looks on a background with the CIELCh color 72, 12.760, 349.891.

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, 12.760, 349.891

Protanopia

72, 4.924, 294.937

Deuteranopia

72, 9.328, 348.618



Tritanopia
72, 13.030, 347.816

Trichromacy



Original Color
72, 12.760, 349.891

Protanomaly
72, 7.507, 327.104

Deuteranomaly
72, 10.584, 349.482

Tritanomaly
72, 13.030, 347.816

Monochromacy



Original Color
72, 12.760, 349.891

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 4.962, 346.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.760, 349.891 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(198, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(198, 169, 181)  
}
```

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(198, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 169, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.760, 349.891 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(198, 169, 181) }
```

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

```
.border{ border-color:rgb(198, 169, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 169, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(198, 169,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.760, 349.891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 169, 181) }
```

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

```
.background{ background-color: rgb(198,  
169, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor