

Converting Colors

CIELCh(71, 14.952, 349.859)

Have a look what the booklet for
CIELCh(71, 14.952, 349.859)
contains.

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Color

CIELCh(71, 14.978, 350.270)

Conversions

Conversions Part 1

Format	Color
Hex	C7A5B3
RGB	199, 165, 179
RGB Percent	78%, 65%, 70%
CMY	0.2205, 0.3538, 0.2989
CMYK	0.00, 0.17, 0.10, 0.22
HSL	335°, 23%, 71%
HSV	335°, 17%, 78%
XYZ	45.0224, 42.1875, 48.3000
YIQ	176.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

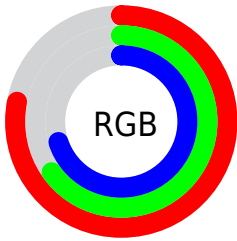
Format	Color
R _Y B	199, 165, 179
Decimal	13084083
CIE Lab	71.00, 14.76, -2.53
CIE LCh	71, 14.978, 350.270
Yxy	42.1875, 0.3322, 0.3113
Android (android.graphics.Color)	4291274163 (0xFFC7A5B3)
YUV	176.7620, 1.1033, 19.5027
Hunter-Lab	64.9519, 10.0642, 1.3766

Details

The CIELCh color $71, 14.978, 350.270$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 14.508, 167.165$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.800, 348.919$, and $51, 14.982, 351.097$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.000, 351.395$, and if you desaturate by 10%, it is $76, 6.128, 349.256$.

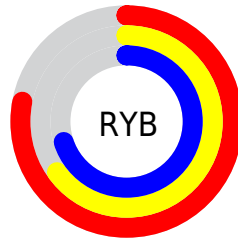
Distribution



Red (78%)

Green (65%)

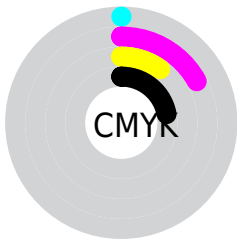
Blue (70%)



Red (78%)

Yellow (65%)

Blue (70%)

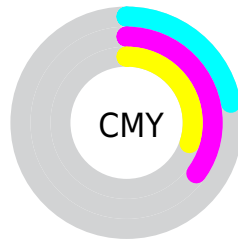


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 14.978, 350.270 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 71, 14.978, 350.270 by changing the saturation by 10% instead.


 71, 14.978,
350.270


 71, 14.978,
350.270


 100, 14.978,
350.270


 61, 14.978,
350.270


 91, 14.978,
350.270

 51, 14.978,
350.270

 41, 14.978,
350.270

 31, 14.978,
350.270

 21, 14.978,
350.270

 11, 14.978,
350.270

 1, 14.978, 350.270

71, 14.978,
350.270

71, 14.978,
350.270

66, 24.000,
351.395

76, 6.128, 349.256

82, 2.452, 168.636

61, 33.042,
352.687

87, 10.724,
167.716

56, 41.854,
354.212

93, 18.672,
166.987

52, 50.086,
356.058

96, 21.322,
172.754

49, 57.306,
358.345

96, 19.023,
188.787

46, 63.079, 1.231

96, 18.475,

■ 44, 67.125, 4.891 198.284

■ 43, 69.560, 9.435

■ 42, 70.205, 10.816

Harmonies

Complementary

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



71, 14.978, 350.270



77, 14.508, 167.165

Rectangle

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



71, 14.978, 350.270



71, 14.978, 40.270



71, 14.978, 170.270



71, 14.978, 220.270

Sweetspot

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



71, 14.976, 350.273



97, 5.268, 349.043



70, 20.020, 312.655



51, 3.598, 349.120



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 14.976, 350.273



86, 22.632, 350.728



71, 12.296, 27.563



39, 4.915, 349.486



34, 60.581, 10.002



4, 17.126, 358.218

Inverse Universe

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



71, 14.976, 350.273



86, 22.632, 350.728



77, 10.972, 206.640



39, 4.915, 349.486



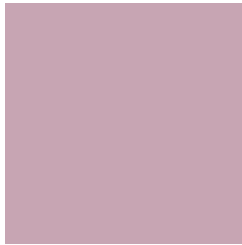
34, 60.581, 10.002



4, 17.126, 358.218

Previews

White Background



This preview shows how the CIELCh color 71, 14.978, 350.270 looks on a white background.

Color Contrast Check

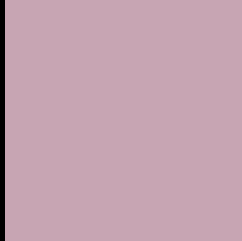
Large Text (above 18pt) WCAG AA × Fail

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 71, 14.978, 350.270 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 71, 14.978, 350.270

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.978, 350.270.



This preview shows how white text looks on a background with the CIELCh color 71, 14.978, 350.270.

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

71, 14.978, 350.270

Protanopia

71, 6.028, 294.259

Deuteranopia

71, 9.026, 347.314



Tritanopia
71, 14.730, 352.121

Trichromacy



Original Color
71, 14.978, 350.270

Protanomaly
71, 8.188, 326.951

Deuteranomaly
71, 11.540, 349.202

Tritanomaly
71, 14.730, 352.121

Monochromacy



Original Color
71, 14.978, 350.270

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.293, 348.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 14.978, 350.270 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(199, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(199, 165, 179)  
}
```

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(199, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 165, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.978, 350.270 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(199, 165, 179) }
```

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

```
.border{ border-color:rgb(199, 165, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 165, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 165, 179);  
box-shadow:4px 4px 4px 4px rgb(199, 165,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.978, 350.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 165, 179) }
```

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

```
.background{ background-color: rgb(199,  
165, 179) }
```

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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