

Converting Colors

CIELCh(71, 12.765, 350.040)

Have a look what the booklet for
CIELCh(71, 12.765, 350.040)
contains.

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Color

CIELCh(71, 12.800, 349.913)

Conversions

Conversions Part 1

Format	Color
Hex	C3A6B2
RGB	195, 166, 178
RGB Percent	76%, 65%, 70%
CMY	0.2346, 0.3483, 0.3012
CMYK	0.00, 0.15, 0.09, 0.23
HSL	335°, 20%, 71%
HSV	335°, 15%, 77%
XYZ	44.2779, 42.1875, 48.0255
YIQ	176.0390, 13.4320, 9.8800

Conversions

Conversions Part 2

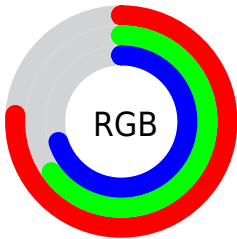
Format	Color
R_{YB}	195, 166, 178
Decimal	12822194
CIE _{Lab}	71.00, 12.60, -2.24
CIE _{LCh}	71, 12.800, 349.913
Yxy	42.1875, 0.3292, 0.3137
Android (android.graphics.Color)	4291012274 (0xFFC3A6B2)
YUV	176.0390, 0.9668, 16.6288
Hunter-Lab	64.9519, 8.0181, 1.6272

Details

The CIELCh color $71, 12.800, 349.913$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 12.452, 167.272$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.039, 349.331$, and $51, 12.668, 350.707$ is the 20% darker color. If you saturate the color by 10%, you get $66, 21.669, 351.004$, and if you desaturate by 10%, it is $76, 4.124, 348.900$.

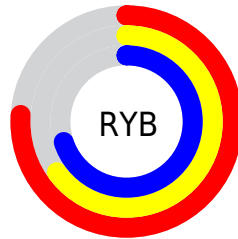
Distribution



Red (76%)

Green (65%)

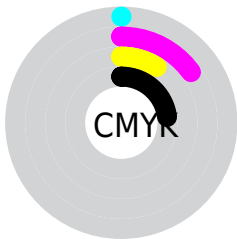
Blue (70%)



Red (76%)

Yellow (65%)

Blue (70%)

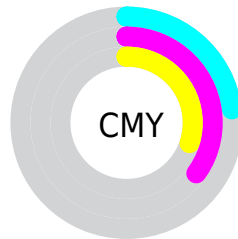


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (23%)



Cyan (23%)


Magenta (35%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 12.800, 349.913 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, 12.800, 349.913 by changing the saturation by 10% instead.


 71, 12.800,
349.913


 71, 12.800,
349.913


 100, 12.800,
349.913


 61, 12.800,
349.913


 91, 12.800,
349.913

 51, 12.800,
349.913

 41, 12.800,
349.913

 31, 12.800,
349.913

 21, 12.800,
349.913

 11, 12.800,
349.913

 1, 12.800, 349.913

0, 12.800, 349.913

71, 12.800,
349.913

71, 12.800,
349.913

66, 21.669,
351.004

76, 4.124, 348.900

82, 4.276, 168.258

61, 30.599,
352.247

87, 12.366,
167.428

56, 39.364,
353.707

93, 20.140,
166.719

52, 47.644,
355.462

96, 22.824,
171.803

49, 55.026,
357.624

96, 20.403,
186.263

46, 61.073, 0.341

96, 19.557,

■ 43, 65.453, 3.787 198.215

■ 42, 68.141, 8.117

■ 42, 69.231, 10.555

Harmonies

Complementary

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



71, 12.800, 349.913



76, 12.452, 167.272

Rectangle

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



71, 12.800, 349.913



71, 12.800, 39.913



71, 12.800, 169.913



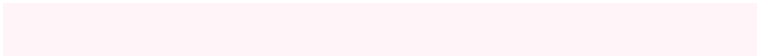
71, 12.800, 219.913

Sweetspot

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



71, 12.798, 349.917



97, 4.214, 348.809



70, 17.095, 312.552



52, 2.998, 348.896



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, 12.798, 349.917



88, 19.349, 350.276



71, 10.431, 27.444



38, 4.816, 349.363



34, 59.864, 9.741



3, 15.184, 357.387

Inverse Universe

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



71, 12.798, 349.917



88, 19.349, 350.276



76, 9.458, 206.682



38, 4.816, 349.363



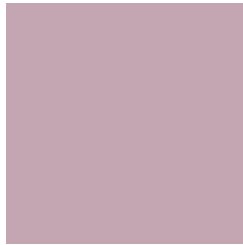
34, 59.864, 9.741



3, 15.184, 357.387

Previews

White Background



This preview shows how the CIELCh color 71, 12.800, 349.913 looks on a white background.

Color Contrast Check

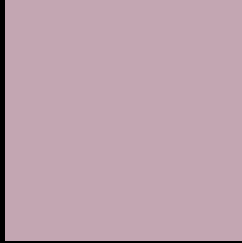
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 12.800, 349.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

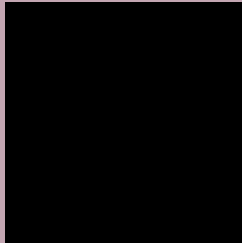
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 12.800, 349.913

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.800, 349.913.



This preview shows how white text looks on a background with the CIELCh color 71, 12.800, 349.913.

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, 12.800, 349.913

Protanopia

71, 4.985, 299.168

Deuteranopia

71, 9.026, 347.314



Tritanopia
71, 13.070, 347.837

Trichromacy



Original Color
71, 12.800, 349.913

Protanomaly
71, 6.864, 327.302

Deuteranomaly
71, 10.281, 348.355

Tritanomaly
71, 13.070, 347.837

Monochromacy



Original Color
71, 12.800, 349.913

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 4.978, 346.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.800, 349.913 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(195, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 178)  
}
```

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(195, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.800, 349.913 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(195, 166, 178) }
```

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

```
.border{ border-color:rgb(195, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.800, 349.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 178) }
```

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

```
.background{ background-color: rgb(195,  
166, 178) }
```

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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