

Converting Colors

CIELCh(73, 12.712, 0.223)

Have a look what the booklet for
CIELCh(73, 12.712, 0.223) contains.

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Color

CIELCh(73, 12.935, 1.049)

Conversions

Conversions Part 1

Format	Color
Hex	CBABB3
RGB	203, 171, 179
RGB Percent	80%, 67%, 70%
CMY	0.2033, 0.3288, 0.2974
CMYK	0.00, 0.16, 0.12, 0.20
HSL	345°, 24%, 73%
HSV	345°, 16%, 80%
XYZ	47.4170, 45.1644, 48.9490
YIQ	181.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

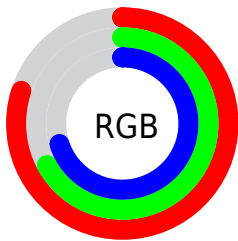
Format	Color
R _Y B	203, 171, 179
Decimal	13347763
CIE Lab	73.00, 12.93, 0.24
CIE LCh	73, 12.935, 1.049
Yxy	45.1644, 0.3350, 0.3191
Android (android.graphics.Color)	4291537843 (0xFFCBABB3)
YUV	181.4800, -1.2226, 18.8730
Hunter-Lab	67.2044, 8.3352, 3.8587

Details

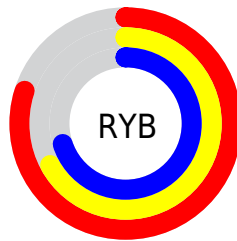
The CIELCh color $73, 12.935, 1.049$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 12.259, 178.103$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.435, 356.303$, and $53, 12.874, 2.730$ is the 20% darker color. If you saturate the color by 10%, you get $68, 21.586, 2.285$, and if you desaturate by 10%, it is $79, 4.616, 359.950$.

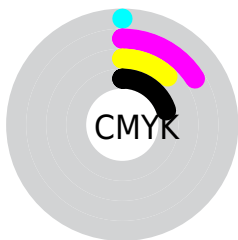
Distribution



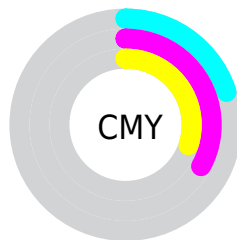
- Red (80%)
- Green (67%)
- Blue (70%)



- Red (80%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 12.935, 1.049 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 73, 12.935, 1.049 by changing the saturation by 10% instead.

73, 12.935, 1.049

73, 12.935, 1.049

100, 12.935, 1.049

63, 12.935, 1.049

93, 12.935, 1.049

53, 12.935, 1.049

43, 12.935, 1.049

33, 12.935, 1.049

23, 12.935, 1.049

13, 12.935, 1.049

3, 12.935, 1.049

0, 12.935, 1.049

73, 12.935, 1.049

73, 12.935, 1.049

68, 21.586, 2.285

79, 4.616, 359.950

62, 30.470, 3.744

84, 3.317, 179.312

58, 39.400, 5.519

90, 10.857,
178.419

53, 48.094, 7.723

96, 18.014,
177.700

50, 56.195, 10.502

46, 63.337, 14.019

97, 17.131,
198.369

44, 69.293, 18.405

43, 74.133, 23.631

43, 76.118, 25.882

Harmonies

Complementary

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



73, 12.935, 1.049



79, 12.259, 178.103

Rectangle

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



73, 12.935, 1.049



73, 12.935, 51.049



73, 12.935, 181.049



73, 12.935, 231.049

Sweetspot

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



73, 12.933, 1.055



97, 4.818, 359.869



73, 19.501, 317.960



51, 3.292, 359.953



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 12.933, 1.055



87, 18.903, 1.464



75, 10.268, 44.735



40, 4.606, 0.352



34, 65.018, 24.973



4, 18.366, 7.296

Inverse Universe

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



73, 12.933, 1.055



87, 18.903, 1.464



77, 9.327, 226.382



40, 4.606, 0.352



34, 65.018, 24.973



4, 18.366, 7.296

Previews

White Background



This preview shows how the CIELCh color 73, 12.935, 1.049 looks on a white background.

Color Contrast Check

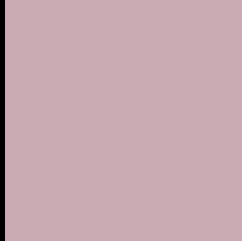
Large Text (above 18pt) WCAG AA × Fail

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 73, 12.935, 1.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

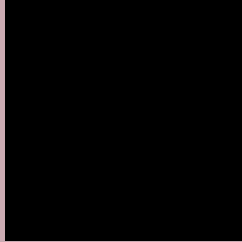
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 12.935, 1.049

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.935, 1.049.



This preview shows how white text looks on a background with the CIELCh color 73, 12.935, 1.049.

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

73, 12.935, 1.049

Protanopia

73, 2.954, 312.547

Deuteranopia

73, 9.145, 2.995



Tritanopia
73, 14.900, 350.229

Trichromacy



Original Color
73, 12.935, 1.049

Protanomaly
73, 5.882, 346.291

Deuteranomaly
73, 10.406, 2.155

Tritanomaly
73, 14.423, 353.992

Monochromacy



Original Color
73, 12.935, 1.049

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.806, 0.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.935, 1.049 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(203, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 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(203, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.935, 1.049 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(203, 171, 179) }
```

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

```
.border{ border-color:rgb(203, 171, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(203, 171,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.935, 1.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 171, 179) }
```

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

```
.background{ background-color: rgb(203,  
171, 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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