

Converting Colors

CIELCh(74, 12.810, 345.322)

Have a look what the booklet for
CIELCh(74, 12.810, 345.322)
contains.

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Color

CIELCh(74, 12.943, 344.799)

Conversions

Conversions Part 1

Format	Color
Hex	CAAEB3
RGB	202, 174, 188
RGB Percent	79%, 68%, 74%
CMY	0.2061, 0.3160, 0.2611
CMYK	0.00, 0.14, 0.07, 0.21
HSL	330°, 21%, 74%
HSV	330°, 14%, 79%
XYZ	48.8179, 46.7039, 54.2627
YIQ	183.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

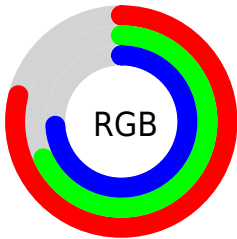
Format	Color
R _Y B	202, 174, 188
Decimal	13283004
CIE Lab	74.00, 12.49, -3.39
CIE LCh	74, 12.943, 344.799
Yxy	46.7039, 0.3259, 0.3118
Android (android.graphics.Color)	4291473084 (0xFFCAAEB3)
YUV	183.9680, 1.9878, 15.8141
Hunter-Lab	68.3403, 7.9135, 0.7615

Details

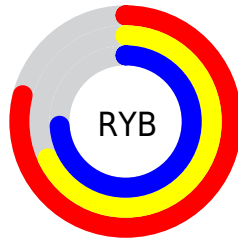
The CIELCh color $74, 12.943, 344.799$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 12.715, 162.510$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.469, 341.296$, and $54, 12.774, 345.112$ is the 20% darker color. If you saturate the color by 10%, you get $69, 22.496, 345.780$, and if you desaturate by 10%, it is $79, 3.547, 343.852$.

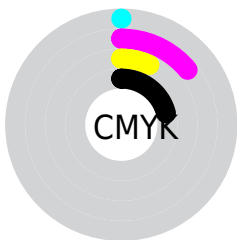
Distribution



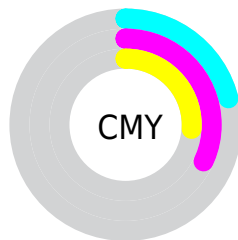
- Red (79%)
- Green (68%)
- Blue (74%)



- Red (79%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (21%)





- Cyan (21%)
- Magenta (32%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.943, 344.799 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 74, 12.943, 344.799 by changing the saturation by 10% instead.

 74, 12.943,
344.799

 74, 12.943,
344.799


 100, 12.943,
344.799

 64, 12.943,
344.799


 94, 12.943,
344.799

 54, 12.943,
344.799

 44, 12.943,
344.799

 34, 12.943,
344.799

 24, 12.943,
344.799

 14, 12.943,
344.799

 4, 12.943, 344.799

74, 12.943,
344.799

74, 12.943,
344.799

69, 22.496,
345.780

79, 3.547, 343.852

85, 5.596, 163.255

64, 32.058,
346.873

90, 14.442,
162.491

59, 41.382,
348.128

96, 22.741,
162.034

55, 50.119,
349.602

96, 19.805,
173.755

51, 57.820,
351.379

96, 17.870,
188.652

48, 63.998,
353.577

97, 17.353,

■ 46, 68.251, 198.355
356.344

■ 44, 70.461,
359.843

■ 44, 71.186, 2.303

Harmonies

Complementary

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



74, 12.943, 344.799



79, 12.715, 162.510

Rectangle

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



74, 12.943, 344.799



74, 12.943, 34.799



74, 12.943, 164.799



74, 12.943, 214.799

Sweetspot

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



74, 12.941, 344.802



97, 4.461, 343.877



73, 16.097, 309.691



52, 3.173, 343.957



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 12.941, 344.802



89, 19.244, 345.124



74, 10.778, 20.282



40, 5.311, 344.392



35, 61.427, 1.627



4, 19.919, 353.536

Inverse Universe

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



74, 12.941, 344.802



89, 19.244, 345.124



79, 9.867, 198.722



40, 5.311, 344.392



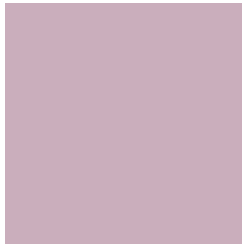
35, 61.427, 1.627



4, 19.919, 353.536

Previews

White Background



This preview shows how the CIELCh color 74, 12.943, 344.799 looks on a white background.

Color Contrast Check

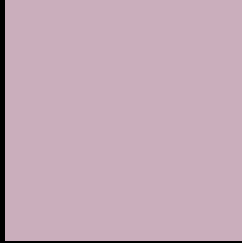
Large Text (above 18pt) WCAG AA × Fail

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 74, 12.943, 344.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

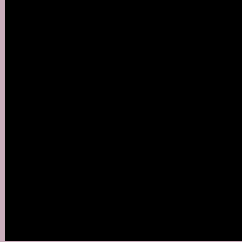
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 12.943, 344.799

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.943, 344.799.



This preview shows how white text looks on a background with the CIELCh color 74, 12.943, 344.799.

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

74, 12.943, 344.799

Protanopia

74, 5.978, 294.239

Deuteranopia

74, 9.567, 341.818



Tritanopia
74, 12.943, 344.799

Trichromacy



Original Color
74, 12.943, 344.799

Protanomaly
74, 7.508, 320.053

Deuteranomaly
74, 10.789, 343.413

Tritanomaly
74, 12.943, 344.799

Monochromacy



Original Color
74, 12.943, 344.799

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.624, 343.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.943, 344.799 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(202, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 174, 188)  
}
```

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(202, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 174, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.943, 344.799 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(202, 174, 188) }
```

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

```
.border{ border-color:rgb(202, 174, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(202, 174,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.943, 344.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 174, 188) }
```

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

```
.background{ background-color: rgb(202,  
174, 188) }
```

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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