

Converting Colors

CIELCh(74, 21.579, 336.526)

Have a look what the booklet for
CIELCh(74, 21.579, 336.526)
contains.

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Color

CIELCh(74, 21.386, 336.358)

Conversions

Conversions Part 1

Format	Color
Hex	D3AAC6
RGB	211, 170, 198
RGB Percent	83%, 67%, 78%
CMY	0.1723, 0.3331, 0.2233
CMYK	0.00, 0.19, 0.06, 0.17
HSL	319°, 32%, 75%
HSV	319°, 19%, 83%
XYZ	51.4614, 46.7039, 59.7590
YIQ	185.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

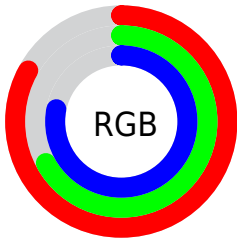
Format	Color
R_{YB}	211, 170, 198
Decimal	13871814
CIE _{Lab}	74.00, 19.59, -8.58
CIE _{LCh}	74, 21.386, 336.358
Yxy	46.7039, 0.3259, 0.2957
Android (android.graphics.Color)	4292061894 (0xFFD3AAC6)
YUV	185.4510, 6.1867, 22.4065
Hunter-Lab	68.3403, 14.8181, -4.0069

Details

The CIELCh color **74, 21.386, 336.358** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81, 21.193, 153.521**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 18.763, 325.076**, and **54, 21.013, 336.646** is the 20% darker color. If you saturate the color by 10%, you get **69, 32.447, 337.154**, and if you desaturate by 10%, it is **79, 10.309, 335.605**.

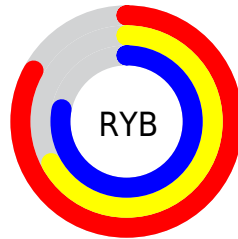
Distribution



Red (83%)

Green (67%)

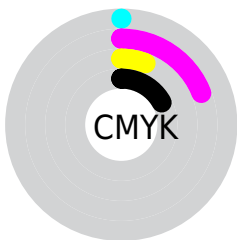
Blue (78%)



Red (83%)

Yellow (67%)

Blue (78%)

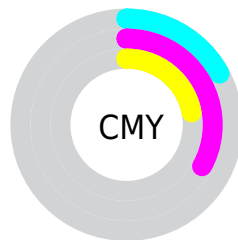


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (17%)



Cyan (17%)


Magenta (33%)

Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 21.386, 336.358 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, 21.386, 336.358 by changing the saturation by 10% instead.


 74, 21.386,
336.358

 74, 21.386,
336.358


 100, 21.386,
336.358


 64, 21.386,
336.358


 94, 21.386,
336.358

 54, 21.386,
336.358

 44, 21.386,
336.358

 34, 21.386,
336.358

 24, 21.386,
336.358

 14, 21.386,
336.358

 4, 21.386, 336.358

0, 21.386, 336.358

74, 21.386,
336.358

74, 21.386,
336.358

69, 32.447,
337.154

79, 10.309,
335.605

64, 43.251,
338.008

85, 0.614, 155.533

59, 53.439,
338.941

91, 11.288,
154.333

55, 62.546,
339.980

96, 21.662,
153.709

52, 70.035,
341.165

96, 19.591,
160.391

50, 75.397,
342.559

97, 17.525,
168.936

■ 48, 78.309,
344.240

■ 97, 15.912,
179.429

■ 47, 79.027,
346.259

■ 97, 14.904,
191.759

■ 47, 79.050,
346.380

■ 97, 14.667,
198.528

Harmonies

Complementary

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



74, 21.386, 336.358



81, 21.193, 153.521

Rectangle

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



74, 21.386, 336.358



74, 21.386, 26.358



74, 21.386, 156.358



74, 21.386, 206.358

Sweetspot

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



74, 21.384, 336.359



96, 7.631, 335.349



72, 22.906, 303.621



51, 5.064, 335.400



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, 21.384, 336.359



85, 29.558, 336.657



73, 16.242, 6.455



41, 6.159, 335.603



37, 66.994, 346.001



5, 24.393, 341.942

Inverse Universe

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



74, 21.384, 336.359



85, 29.558, 336.657



82, 14.960, 182.829



41, 6.159, 335.603



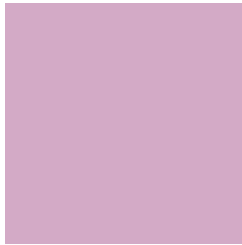
37, 66.994, 346.001



5, 24.393, 341.942

Previews

White Background



This preview shows how the CIELCh color 74, 21.386, 336.358 looks on a white background.

Color Contrast Check

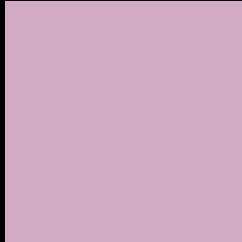
Large Text (above 18pt) WCAG AA × Fail

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, 21.386, 336.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

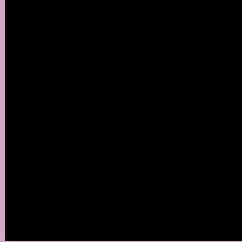
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 21.386, 336.358

Background



This preview shows how black text looks on a background with the CIELCh color 74, 21.386, 336.358.



This preview shows how white text looks on a background with the CIELCh color 74, 21.386, 336.358.

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, 21.386, 336.358

Protanopia

74, 13.003, 288.316

Deuteranopia

74, 12.364, 319.240



Tritanopia

74, 15.864, 352.450

Trichromacy



Original Color
74, 21.386, 336.358

Protanomaly
74, 14.523, 311.659

Deuteranomaly
74, 15.736, 328.482

Tritanomaly
74, 17.837, 345.970

Monochromacy



Original Color
74, 21.386, 336.358

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 7.787, 336.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 21.386, 336.358 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(211, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(211, 170, 198)  
}
```

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(211, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 170, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 21.386, 336.358 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(211, 170, 198) }
```

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

```
.border{ border-color:rgb(211, 170, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 170, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 170, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 170, 198);  
box-shadow:4px 4px 4px 4px rgb(211, 170,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 21.386, 336.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 170, 198) }
```

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

```
.background{ background-color: rgb(211,  
170, 198) }
```

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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