

Converting Colors

CIELCh(74, 16.255, 325.104)

Have a look what the booklet for
CIELCh(74, 16.255, 325.104)
contains.

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Color

CIELCh(74, 16.388, 325.111)

Conversions

Conversions Part 1

Format	Color
Hex	C7AEC7
RGB	199, 174, 199
RGB Percent	78%, 68%, 78%
CMY	0.2184, 0.3165, 0.2184
CMYK	0.00, 0.13, 0.00, 0.22
HSL	300°, 18%, 73%
HSV	300°, 13%, 78%
XYZ	49.1671, 46.7039, 60.6364
YIQ	184.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

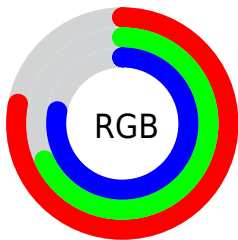
Format	Color
R_{YB}	199, 174, 199
Decimal	13086407
CIE _{Lab}	74.00, 13.44, -9.37
CIE _{LCh}	74, 16.388, 325.111
Yxy	46.7039, 0.3142, 0.2984
Android (android.graphics.Color)	4291276487 (0xFFC7AEC7)
YUV	184.3250, 7.2348, 12.8700
Hunter-Lab	68.3403, 8.8255, -4.7681

Details

The CIELCh color $74, 16.388, 325.111$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 16.367, 143.704$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.620, 324.964$, and $54, 16.004, 325.273$ is the 20% darker color. If you saturate the color by 10%, you get $69, 29.521, 325.661$, and if you desaturate by 10%, it is $79, 3.309, 324.504$.

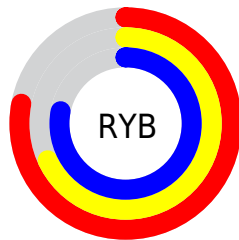
Distribution



Red (78%)

Green (68%)

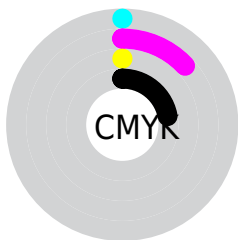
Blue (78%)



Red (78%)

Yellow (68%)

Blue (78%)

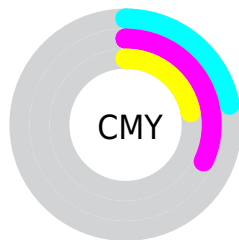


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (22%)


Magenta (32%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 16.388, 325.111 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, 16.388, 325.111 by changing the saturation by 10% instead.


 74, 16.388,
325.111


 74, 16.388,
325.111


 100, 16.388,
325.111


 64, 16.388,
325.111


 94, 16.388,
325.111

 54, 16.388,
325.111

 44, 16.388,
325.111

 34, 16.388,
325.111

 24, 16.388,
325.111

 14, 16.388,
325.111

 4, 16.388, 325.111

74, 16.388,
325.111

74, 16.388,
325.111

69, 29.521,
325.661

79, 3.309, 324.504

65, 42.484,
326.191

84, 9.557, 144.071

60, 54.956,
326.690

89, 22.118,
143.534

57, 66.520,
327.141

95, 34.322,
143.029

53, 76.688,
327.528

95, 34.916,
143.005

51, 84.965,
327.835

95, 34.916,
143.005

95, 34.916,

■ 49, 90.962,
328.054

143.005

■ 48, 94.531,
328.182

■ 95, 34.915,
143.006

■ 47, 95.988,
328.234

■ 95, 34.915,
143.006

Harmonies

Complementary

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



74, 16.388, 325.111



78, 16.367, 143.704

Rectangle

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



74, 16.388, 325.111



74, 16.388, 15.111



74, 16.388, 145.111



74, 16.388, 195.111

Sweetspot

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



74, 16.386, 325.111



97, 6.352, 324.615



72, 13.633, 291.502



52, 4.516, 324.664



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, 16.386, 325.111



91, 23.956, 325.260



74, 11.570, 344.676



39, 7.382, 324.933



39, 82.758, 328.234



4, 26.741, 327.027

Inverse Universe

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



74, 16.386, 325.111



91, 23.956, 325.260



78, 11.385, 162.626



39, 7.382, 324.933



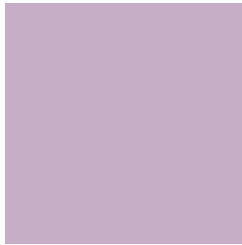
39, 82.758, 328.234



4, 26.741, 327.027

Previews

White Background



This preview shows how the CIELCh color 74, 16.388, 325.111 looks on a white background.

Color Contrast Check

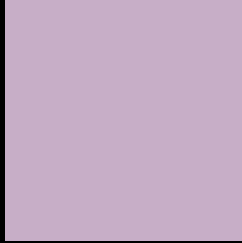
Large Text (above 18pt) WCAG AA × Fail

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, 16.388, 325.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

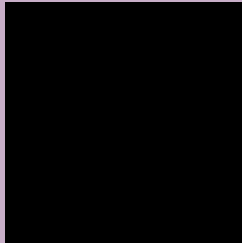
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

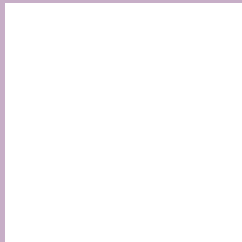
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 16.388, 325.111

Background



This preview shows how black text looks on a background with the CIELCh color 74, 16.388, 325.111.



This preview shows how white text looks on a background with the CIELCh color 74, 16.388, 325.111.

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, 16.388, 325.111

Protanopia

74, 11.923, 287.919

Deuteranopia

74, 13.166, 315.602



Tritanopia
74, 11.178, 337.756

Trichromacy



Original Color
74, 16.388, 325.111

Protanomaly
74, 12.756, 302.639

Deuteranomaly
74, 14.312, 320.090

Tritanomaly
74, 12.971, 331.852

Monochromacy



Original Color
74, 16.388, 325.111

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.925, 324.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 16.388, 325.111 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, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 199)  
}
```

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, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 16.388, 325.111 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, 174, 199) }
```

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

```
.border{ border-color:rgb(199, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 16.388, 325.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 199) }
```

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

```
.background{ background-color: rgb(199,  
174, 199) }
```

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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