

Converting Colors

CIELCh(74, 18.151, 319.228)

Have a look what the booklet for
CIELCh(74, 18.151, 319.228)
contains.

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Color

CIELCh(74, 18.494, 319.450)

Conversions

Conversions Part 1

Format	Color
Hex	C6AECC
RGB	198, 174, 204
RGB Percent	78%, 68%, 80%
CMY	0.2231, 0.3172, 0.1995
CMYK	0.03, 0.15, 0.00, 0.20
HSL	288°, 23%, 74%
HSV	288°, 15%, 80%
XYZ	49.3916, 46.7039, 63.6128
YIQ	184.5960, 4.6740, 14.4180

Conversions

Conversions Part 2

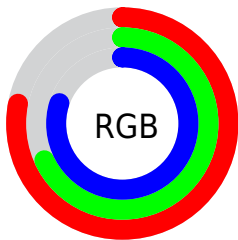
Format	Color
R _Y B	198, 174, 204
Decimal	13020876
CIE Lab	74.00, 14.05, -12.02
CIE LCh	74, 18.494, 319.450
Yxy	46.7039, 0.3093, 0.2924
Android (android.graphics.Color)	4291210956 (0xFFC6AECC)
YUV	184.5960, 9.5662, 11.7553
Hunter-Lab	68.3403, 9.4119, -7.3504

Details

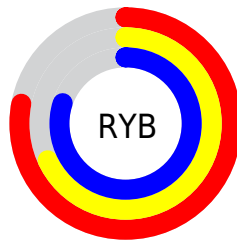
The CIELCh color **74, 18.494, 319.450** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **80, 18.356, 138.121**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.620, 324.964**, and **54, 18.251, 319.174** is the 20% darker color. If you saturate the color by 10%, you get **69, 31.265, 319.901**, and if you desaturate by 10%, it is **79, 5.861, 318.981**.

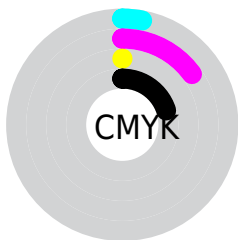
Distribution



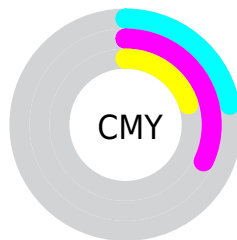
- Red (78%)
- Green (68%)
- Blue (80%)



- Red (78%)
- Yellow (68%)
- Blue (80%)



- Cyan (3%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)





- Cyan (22%)
- Magenta (32%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 18.494, 319.450 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, 18.494, 319.450 by changing the saturation by 10% instead.

 74, 18.494,
319.450

 74, 18.494,
319.450


 100, 18.494,
319.450


 64, 18.494,
319.450


 94, 18.494,
319.450

 54, 18.494,
319.450

 44, 18.494,
319.450

 34, 18.494,
319.450

 24, 18.494,
319.450

 14, 18.494,
319.450

 4, 18.494, 319.450

■ 0, 18.494, 319.450

■ 74, 18.494,
319.450

■ 74, 18.494,
319.450

■ 69, 31.265,
319.901

■ 79, 5.861, 318.981

■ 85, 6.522, 138.620

■ 63, 44.008,
320.336

■ 91, 18.598,
138.190

■ 59, 56.457,
320.735

■ 96, 29.874,
137.730

■ 54, 68.238,
321.066

■ 96, 29.153,
135.339

■ 50, 78.852,
321.292

■ 97, 28.482,
132.802

■ 47, 87.721,
321.369

■ 97, 27.869,

■ 44, 94.292,
321.251

130.120

■ 42, 98.237,
320.904

■ 97, 27.319,
127.296

■ 42, 99.604,
320.658

■ 97, 26.838,
124.337

Harmonies

Complementary

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



74, 18.494, 319.450



80, 18.356, 138.121

Rectangle

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



74, 18.494, 319.450



74, 18.494, 9.450



74, 18.494, 139.450



74, 18.494, 189.450

Sweetspot

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



74, 18.492, 319.450



97, 5.977, 318.947



74, 13.136, 282.240



52, 4.250, 318.987



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, 18.492, 319.450



88, 27.200, 319.610



74, 15.895, 335.280



40, 7.102, 319.207



33, 85.286, 320.761



4, 26.966, 319.402

Inverse Universe

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



74, 11.870, 4.639



88, 17.573, 5.046



79, 15.792, 153.240



40, 4.517, 4.060



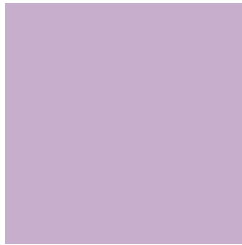
34, 67.035, 28.967



4, 18.214, 9.655

Previews

White Background



This preview shows how the CIELCh color 74, 18.494, 319.450 looks on a white background.

Color Contrast Check

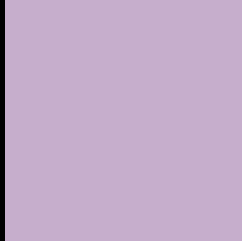
Large Text (above 18pt) WCAG AA × Fail

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, 18.494, 319.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

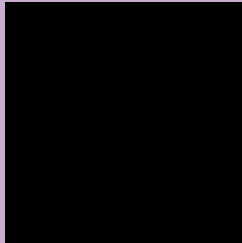
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 18.494, 319.450

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.494, 319.450.



This preview shows how white text looks on a background with the CIELCh color 74, 18.494, 319.450.

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, 18.494, 319.450

Protanopia

74, 14.659, 286.121

Deuteranopia

74, 15.427, 309.024



Tritanopia
74, 10.644, 334.949

Trichromacy



Original Color
74, 18.494, 319.450

Protanomaly
74, 15.967, 300.533

Deuteranomaly
74, 16.434, 313.292

Tritanomaly
74, 13.569, 327.616

Monochromacy



Original Color
74, 18.494, 319.450

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 6.843, 319.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.494, 319.450 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(198, 174, 204)` looks like.

```
.text, #text, p{  
    color:rgb(198, 174, 204)  
}
```

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(198, 174, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 174, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.494, 319.450 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(198, 174, 204) }
```

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

```
.border{ border-color:rgb(198, 174, 204) }
```

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

Here you see how a box with a 4 pixel rgb(198, 174, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 174, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 174, 204);  
box-shadow:4px 4px 4px 4px rgb(198, 174,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.494, 319.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 174, 204) }
```

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

```
.background{ background-color: rgb(198,  
174, 204) }
```

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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