

Converting Colors

CIELCh(74, 19.833, 316.351)

Have a look what the booklet for
CIELCh(74, 19.833, 316.351)
contains.

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Color

CIELCh(74, 19.777, 316.301)

Conversions

Conversions Part 1

Format	Color
Hex	C5AECF
RGB	197, 174, 207
RGB Percent	77%, 68%, 81%
CMY	0.2270, 0.3172, 0.1878
CMYK	0.05, 0.16, 0.00, 0.19
HSL	282°, 26%, 75%
HSV	282°, 16%, 81%
XYZ	49.4823, 46.7039, 65.5033
YIQ	184.6390, 3.1150, 15.1390

Conversions

Conversions Part 2

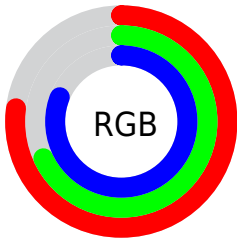
Format	Color
R _Y B	197, 174, 207
Decimal	12955343
CIE Lab	74.00, 14.30, -13.66
CIE LCh	74, 19.777, 316.301
Yxy	46.7039, 0.3060, 0.2888
Android (android.graphics.Color)	4291145423 (0xFFC5AECF)
YUV	184.6390, 11.0240, 10.8406
Hunter-Lab	68.3403, 9.6488, -8.9905

Details

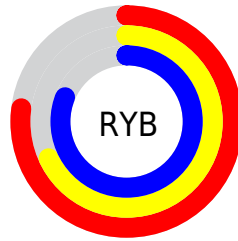
The CIELCh color $74, 19.777, 316.301$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 19.533, 134.939$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.428, 323.868$, and $54, 19.629, 315.848$ is the 20% darker color. If you saturate the color by 10%, you get $68, 32.454, 316.741$, and if you desaturate by 10%, it is $80, 7.290, 315.858$.

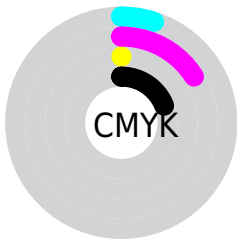
Distribution



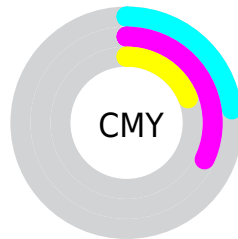
- Red (77%)
- Green (68%)
- Blue (81%)



- Red (77%)
- Yellow (68%)
- Blue (81%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)





- Cyan (23%)
- Magenta (32%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 19.777, 316.301 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, 19.777, 316.301 by changing the saturation by 10% instead.


 74, 19.777,
316.301


 74, 19.777,
316.301


 100, 19.777,
316.301


 64, 19.777,
316.301


 94, 19.777,
316.301

 54, 19.777,
316.301

 44, 19.777,
316.301

 34, 19.777,
316.301

 24, 19.777,
316.301

 14, 19.777,
316.301

 4, 19.777, 316.301

0, 19.777, 316.301

74, 19.777,
316.301

74, 19.777,
316.301

68, 32.454,
316.741

80, 7.290, 315.858

86, 4.917, 135.514

63, 45.181,
317.173

91, 16.802,
135.108

58, 57.723,
317.572

97, 27.181,
134.401

53, 69.724,
317.904

97, 26.216,
130.085

48, 80.685,
318.118

97, 25.412,
125.399

45, 89.980,
318.156

98, 24.793,

■ 42, 96.961,
317.949

120.377

■ 39, 101.198,
317.444

■ 98, 24.380,
115.080

■ 39, 102.466,
317.195

■ 99, 24.192,
109.595

Harmonies

Complementary

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



74, 19.777, 316.301



81, 19.533, 134.939

Rectangle

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



74, 19.777, 316.301



74, 19.777, 6.301



74, 19.777, 136.301



74, 19.777, 186.301

Sweetspot

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



74, 19.775, 316.300



97, 7.266, 315.817



75, 12.625, 274.618



51, 4.961, 315.850



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, 19.775, 316.300



87, 28.002, 316.446



75, 18.948, 330.921



41, 7.050, 316.014



31, 87.738, 317.334



4, 28.313, 315.796

Inverse Universe

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



74, 13.601, 357.296



87, 19.318, 357.676



80, 18.887, 148.894



41, 4.819, 356.582



35, 64.001, 20.402



4, 20.507, 5.403

Previews

White Background



This preview shows how the CIELCh color 74, 19.777, 316.301 looks on a white background.

Color Contrast Check

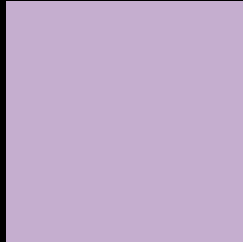
Large Text (above 18pt) WCAG AA × Fail

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, 19.777, 316.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

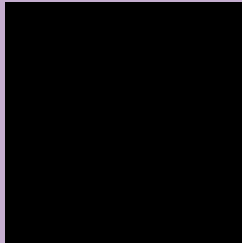
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 19.777, 316.301

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.777, 316.301.



This preview shows how white text looks on a background with the CIELCh color 74, 19.777, 316.301.

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, 19.777, 316.301

Protanopia

74, 16.299, 285.647

Deuteranopia

74, 16.271, 305.495



Tritanopia
74, 10.129, 331.868

Trichromacy



Original Color
74, 19.777, 316.301

Protanomaly
74, 17.523, 298.672

Deuteranomaly
74, 17.203, 309.727

Tritanomaly
74, 13.579, 323.693

Monochromacy



Original Color
74, 19.777, 316.301

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 7.158, 314.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.777, 316.301 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(197, 174, 207)` looks like.

```
.text, #text, p{  
    color:rgb(197, 174, 207)  
}
```

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(197, 174, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 174, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.777, 316.301 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(197, 174, 207) }
```

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

```
.border{ border-color:rgb(197, 174, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 174, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 174, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 174, 207);  
box-shadow:4px 4px 4px 4px rgb(197, 174,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.777, 316.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 174, 207) }
```

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

```
.background{ background-color: rgb(197,  
174, 207) }
```

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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