

Converting Colors

CIELCh(74, 33.647, 312.454)

Have a look what the booklet for
CIELCh(74, 33.647, 312.454)
contains.

CIELCh(74, 34.054, 312.285)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 34.054, 312.285)

Conversions

Conversions Part 1

Format	Color
Hex	CAA9E4
RGB	202, 169, 228
RGB Percent	79%, 66%, 89%
CMY	0.2066, 0.3361, 0.1047
CMYK	0.11, 0.26, 0.00, 0.10
HSL	274°, 53%, 78%
HSV	274°, 26%, 90%
XYZ	52.7299, 46.7039, 79.8606
YIQ	185.5930, 0.7290, 25.3450

Conversions

Conversions Part 2

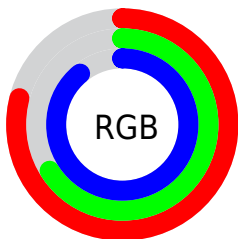
Format	Color
R _Y B	202, 169, 228
Decimal	13281764
CIE Lab	74.00, 22.91, -25.19
CIE LCh	74, 34.054, 312.285
Yxy	46.7039, 0.2941, 0.2605
Android (android.graphics.Color)	4291471844 (0xFFCAA9E4)
YUV	185.5930, 20.9067, 14.3889
Hunter-Lab	68.3403, 18.1312, -21.4465

Details

The CIELCh color $74, 34.054, 312.285$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $87, 33.015, 129.945$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 19.393, 325.098$, and $54, 33.570, 312.103$ is the 20% darker color. If you saturate the color by 10%, you get $68, 47.669, 312.778$, and if you desaturate by 10%, it is $80, 20.632, 311.804$.

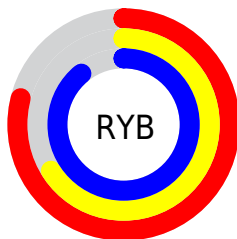
Distribution



Red (79%)

Green (66%)

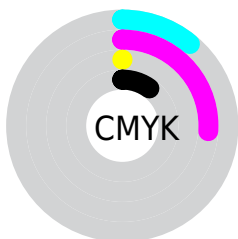
Blue (89%)



Red (79%)

Yellow (66%)

Blue (89%)

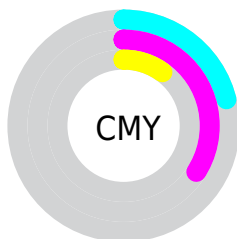


Cyan (11%)

Magenta (26%)

Yellow (0%)

Black (10%)



Cyan (21%)

Magenta (34%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 34.054, 312.285 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, 34.054, 312.285 by changing the saturation by 10% instead.

 74, 34.054,
312.285

 74, 34.054,
312.285

 100, 34.054,
312.285

 64, 34.054,
312.285

 94, 34.054,
312.285

 54, 34.054,
312.285

 44, 34.054,
312.285

 34, 34.054,
312.285

 24, 34.054,
312.285

 14, 34.054,
312.285

 4, 34.054, 312.285

0, 34.054, 312.285

74, 34.054,
312.285

74, 34.054,
312.285

68, 47.669,
312.778

80, 20.632,
311.804

62, 61.289,
313.260

87, 7.516, 311.342

56, 74.588,
313.693

93, 5.243, 130.978

50, 87.056,
314.018

98, 14.293,
127.417

46, 97.973,
314.153

99, 13.543,
112.826

42, 106.480,
314.000

99, 13.506,
109.157

■ 39,111.857,
313.465

■ 38,113.468,
313.179

Harmonies

Complementary

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



74, 34.054, 312.285



87, 33.015, 129.945

Rectangle

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



74, 34.054, 312.285



74, 34.054, 2.285



74, 34.054, 132.285



74, 34.054, 182.285

Sweetspot

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



74, 34.052, 312.285



94, 11.279, 311.444



78, 19.171, 264.634



49, 8.031, 311.513



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, 34.052, 312.285



78, 44.912, 312.548



76, 36.530, 327.258



45, 7.365, 311.508



29, 94.248, 313.360



4, 35.987, 313.151

Inverse Universe

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



75, 26.007, 349.485



80, 34.235, 350.122



86, 36.508, 144.031



45, 5.631, 347.766



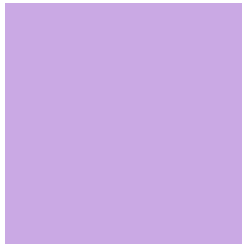
38, 64.608, 7.584



7, 27.130, 359.416

Previews

White Background



This preview shows how the CIELCh color 74, 34.054, 312.285 looks on a white background.

Color Contrast Check

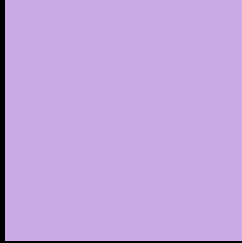
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 74, 34.054, 312.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

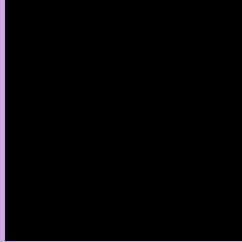
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 34.054, 312.285

Background



This preview shows how black text looks on a background with the CIELCh color 74, 34.054, 312.285.



This preview shows how white text looks on a background with the CIELCh color 74, 34.054, 312.285.

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, 34.054, 312.285

Protanopia
74, 30.473, 285.197

Deuteranopia
74, 26.563, 291.949



Tritanopia
74, 10.644, 334.949

Trichromacy



Original Color
74, 34.054, 312.285

Protanomaly
74, 30.983, 295.470

Deuteranomaly
74, 28.538, 300.211

Tritanomaly
74, 18.494, 319.450

Monochromacy



Original Color
74, 34.054, 312.285

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 12.211, 311.955

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 34.054, 312.285 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, 169, 228)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 228)  
}
```

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, 169, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 34.054, 312.285 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, 169, 228) }
```

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

```
.border{ border-color:rgb(202, 169, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 228);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 34.054, 312.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 228) }
```

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

```
.background{ background-color: rgb(202,  
169, 228) }
```

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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