

Converting Colors

CIELCh(74, 28.237, 309.025)

Have a look what the booklet for
CIELCh(74, 28.237, 309.025)
contains.

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Color

CIELCh(74, 27.846, 309.075)

Conversions

Conversions Part 1

Format	Color
Hex	C4ADDE
RGB	196, 173, 222
RGB Percent	77%, 68%, 87%
CMY	0.2327, 0.3229, 0.1308
CMYK	0.12, 0.22, 0.00, 0.13
HSL	268°, 42%, 77%
HSV	268°, 22%, 87%
XYZ	50.6930, 46.7039, 75.2042
YIQ	185.4630, -2.0210, 20.1150

Conversions

Conversions Part 2

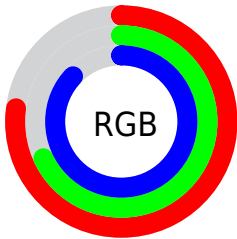
Format	Color
RYB	196, 173, 222
Decimal	12889566
CIELab	74.00, 17.55, -21.62
CIELCh	74, 27.846, 309.075
Yxy	46.7039, 0.2937, 0.2706
Android (android.graphics.Color)	4291079646 (0xFFC4ADDE)
YUV	185.4630, 18.0127, 9.2409
Hunter-Lab	68.3403, 12.8109, -17.4067

Details

The CIELCh color $74, 27.846, 309.075$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $86, 26.955, 126.955$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 15.870, 322.854$, and $54, 27.696, 308.917$ is the 20% darker color. If you saturate the color by 10%, you get $68, 40.972, 309.636$, and if you desaturate by 10%, it is $80, 15.026, 308.550$.

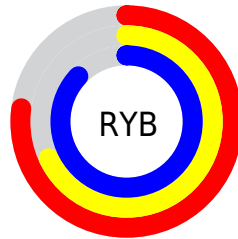
Distribution



Red (77%)

Green (68%)

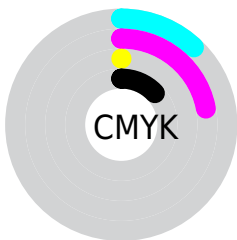
Blue (87%)



Red (77%)

Yellow (68%)

Blue (87%)

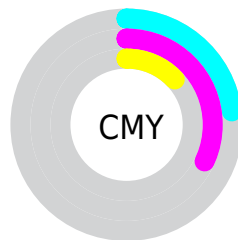


Cyan (12%)

Magenta (22%)

Yellow (0%)

Black (13%)



Cyan (23%)


Magenta (32%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 27.846, 309.075 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, 27.846, 309.075 by changing the saturation by 10% instead.


 74, 27.846,
309.075


 74, 27.846,
309.075


 100, 27.846,
309.075


 64, 27.846,
309.075


 94, 27.846,
309.075

 54, 27.846,
309.075

 44, 27.846,
309.075

 34, 27.846,
309.075

 24, 27.846,
309.075

 14, 27.846,
309.075

 4, 27.846, 309.075

0, 27.846, 309.075

74, 27.846,
309.075

74, 27.846,
309.075

68, 40.972,
309.636

80, 15.026,
308.550

61, 54.296,
310.219

87, 2.574, 308.038

55, 67.595,
310.792

93, 9.493, 127.671

49, 80.488,
311.305

98, 17.510,
123.676

44, 92.362,
311.677

99, 16.870,
109.562

40, 102.354,
311.798

99, 16.867,
108.902

■ 36,109.506,
311.542

■ 34,113.141,
311.089

Harmonies

Complementary

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



74, 27.846, 309.075



86, 26.955, 126.955

Rectangle

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



74, 27.846, 309.075



74, 27.846, 359.075



74, 27.846, 129.075



74, 27.846, 179.075

Sweetspot

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



74, 27.844, 309.074



95, 9.671, 308.299



79, 14.809, 254.882



50, 6.289, 308.329



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, 27.844, 309.074



80, 38.380, 309.357



76, 31.246, 324.705



43, 6.963, 308.416



26, 94.020, 311.274



3, 31.018, 308.183

Inverse Universe

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



76, 22.868, 343.929



83, 31.389, 344.441



84, 31.186, 142.175



43, 5.756, 342.757



37, 63.908, 358.915



6, 25.404, 352.328

Previews

White Background



This preview shows how the CIELCh color 74, 27.846, 309.075 looks on a white background.

Color Contrast Check

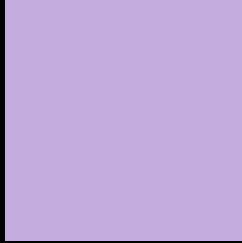
Large Text (above 18pt) WCAG AA × Fail

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, 27.846, 309.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

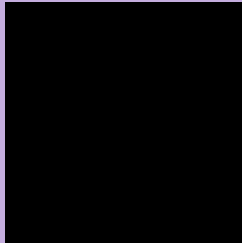
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 27.846, 309.075

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.846, 309.075.



This preview shows how white text looks on a background with the CIELCh color 74, 27.846, 309.075.

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





Tritanopia
74, 9.010, 322.848

Trichromacy



Original Color
74, 27.846, 309.075

Protanomaly
74, 26.085, 294.815

Deuteranomaly
74, 24.722, 300.360

Tritanomaly
74, 15.936, 314.011

Monochromacy



Original Color
74, 27.846, 309.075

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 9.682, 308.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 27.846, 309.075 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(196, 173, 222)` looks like.

```
.text, #text, p{  
    color:rgb(196, 173, 222)  
}
```

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(196, 173, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 173, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.846, 309.075 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(196, 173, 222) }
```

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

```
.border{ border-color:rgb(196, 173, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 173, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 173, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 173, 222);  
box-shadow:4px 4px 4px 4px rgb(196, 173,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.846, 309.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 173, 222) }
```

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

```
.background{ background-color: rgb(196,  
173, 222) }
```

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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