

Converting Colors

CIELCh(74, 26.570, 306.989)

Have a look what the booklet for
CIELCh(74, 26.570, 306.989)
contains.

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Color

CIELCh(74, 26.427, 306.799)

Conversions

Conversions Part 1

Format	Color
Hex	C1AEDD
RGB	193, 174, 221
RGB Percent	76%, 68%, 87%
CMY	0.2440, 0.3185, 0.1342
CMYK	0.13, 0.21, 0.00, 0.13
HSL	264°, 41%, 77%
HSV	264°, 21%, 87%
XYZ	50.0497, 46.7039, 74.6235
YIQ	185.0390, -3.7630, 18.6450

Conversions

Conversions Part 2

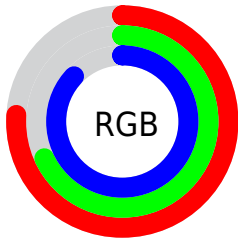
Format	Color
RYB	193, 174, 221
Decimal	12693213
CIELab	74.00, 15.83, -21.16
CIELCh	74, 26.427, 306.799
Yxy	46.7039, 0.2920, 0.2725
Android (android.graphics.Color)	4290883293 (0xFFC1AEDD)
YUV	185.0390, 17.7288, 6.9818
Hunter-Lab	68.3403, 11.1309, -16.9029

Details

The CIELCh color $74, 26.427, 306.799$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $86, 25.507, 124.592$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 14.720, 319.231$, and $54, 26.220, 306.482$ is the 20% darker color. If you saturate the color by 10%, you get $67, 39.421, 307.428$, and if you desaturate by 10%, it is $81, 13.790, 306.222$.

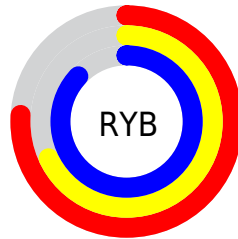
Distribution



Red (76%)

Green (68%)

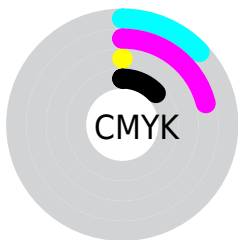
Blue (87%)



Red (76%)

Yellow (68%)

Blue (87%)

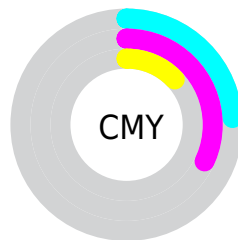


Cyan (13%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (24%)


Magenta (32%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 26.427, 306.799 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, 26.427, 306.799 by changing the saturation by 10% instead.

 74, 26.427,
306.799

 74, 26.427,
306.799

 100, 26.427,
306.799


 64, 26.427,
306.799


 94, 26.427,
306.799

 54, 26.427,
306.799

 44, 26.427,
306.799

 34, 26.427,
306.799

 24, 26.427,
306.799

 14, 26.427,
306.799

 4, 26.427, 306.799

0, 26.427, 306.799

74, 26.427,
306.799

74, 26.427,
306.799

67, 39.421,
307.428

81, 13.790,
306.222

61, 52.694,
308.100

87, 1.551, 305.657

55, 66.064,
308.787

94, 10.287,
125.272

49, 79.195,
309.441

99, 17.706,
120.277

43, 91.510,
309.979

99, 17.310,
108.869

39, 102.130,
310.281

■ 35,109.979,
310.202

■ 33,114.355,
309.818

Harmonies

Complementary

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



74, 26.427, 306.799



86, 25.507, 124.592

Rectangle

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



74, 26.427, 306.799



74, 26.427, 356.799



74, 26.427, 126.799



74, 26.427, 176.799

Sweetspot

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



74, 26.425, 306.798



96, 8.177, 305.941



80, 13.599, 246.608



50, 5.429, 305.976



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, 26.425, 306.798



81, 36.558, 307.102



76, 29.438, 322.742



43, 6.881, 306.121



25, 95.304, 309.992



3, 30.626, 305.768

Inverse Universe

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



76, 22.908, 340.514



84, 31.517, 340.958



84, 29.295, 140.514



43, 6.022, 339.507



38, 65.381, 353.099



6, 26.274, 347.729

Previews

White Background



This preview shows how the CIELCh color 74, 26.427, 306.799 looks on a white background.

Color Contrast Check

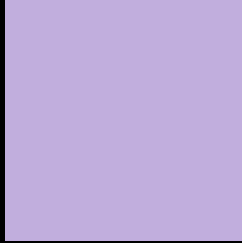
Large Text (above 18pt) WCAG AA × Fail

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, 26.427, 306.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

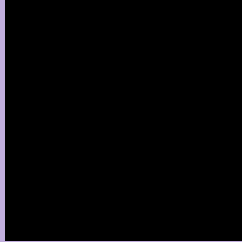
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 26.427, 306.799

Background



This preview shows how black text looks on a background with the CIELCh color 74, 26.427, 306.799.



This preview shows how white text looks on a background with the CIELCh color 74, 26.427, 306.799.

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, 26.427, 306.799

Protanopia

74, 24.478, 285.500

Deuteranopia

74, 22.821, 294.866



Tritanopia
74, 8.310, 314.175

Trichromacy



Original Color
74, 26.427, 306.799

Protanomaly
74, 24.413, 293.251

Deuteranomaly
74, 24.140, 299.701

Tritanomaly
74, 14.913, 309.641

Monochromacy



Original Color
74, 26.427, 306.799

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 9.577, 306.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 26.427, 306.799 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(193, 174, 221)` looks like.

```
.text, #text, p{  
    color:rgb(193, 174, 221)  
}
```

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(193, 174, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 174, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 26.427, 306.799 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(193, 174, 221) }
```

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

```
.border{ border-color:rgb(193, 174, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 174, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 174, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 174, 221);  
box-shadow:4px 4px 4px 4px rgb(193, 174,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 26.427, 306.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 174, 221) }
```

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

```
.background{ background-color: rgb(193,  
174, 221) }
```

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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