

Converting Colors

CIELCh(74, 29.258, 314.401)

Have a look what the booklet for
CIELCh(74, 29.258, 314.401)
contains.

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Color

CIELCh(74, 28.783, 314.516)

Conversions

Conversions Part 1

Format	Color
Hex	CAABDC
RGB	202, 171, 220
RGB Percent	79%, 67%, 86%
CMY	0.2089, 0.3304, 0.1383
CMYK	0.08, 0.22, 0.00, 0.14
HSL	278°, 41%, 77%
HSV	278°, 22%, 86%
XYZ	51.6849, 46.7039, 73.8172
YIQ	185.8550, 2.7470, 21.8110

Conversions

Conversions Part 2

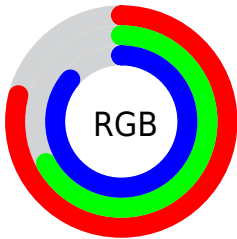
Format	Color
R _Y B	202, 171, 220
Decimal	13282268
CIE Lab	74.00, 20.18, -20.52
CIE LCh	74, 28.783, 314.516
Yxy	46.7039, 0.3001, 0.2712
Android (android.graphics.Color)	4291472348 (0xFFCAABDC)
YUV	185.8550, 16.8335, 14.1592
Hunter-Lab	68.3403, 15.4017, -16.2034

Details

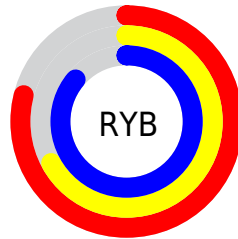
The CIELCh color $74, 28.783, 314.516$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $84, 28.174, 132.568$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 18.134, 325.054$, and $54, 28.626, 314.674$ is the 20% darker color. If you saturate the color by 10%, you get $68, 42.033, 314.970$, and if you desaturate by 10%, it is $80, 15.701, 314.067$.

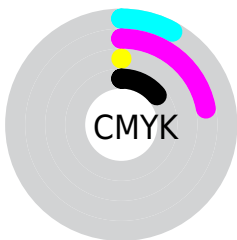
Distribution



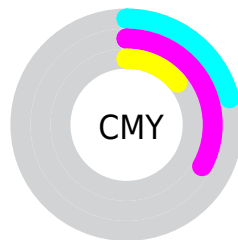
- Red (79%)
- Green (67%)
- Blue (86%)



- Red (79%)
- Yellow (67%)
- Blue (86%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)





- Cyan (21%)
- Magenta (33%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.783, 314.516 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, 28.783, 314.516 by changing the saturation by 10% instead.


 74, 28.783,
314.516

 74, 28.783,
314.516


 100, 28.783,
314.516


 64, 28.783,
314.516


 94, 28.783,
314.516

 54, 28.783,
314.516

 44, 28.783,
314.516

 34, 28.783,
314.516

 24, 28.783,
314.516

 14, 28.783,
314.516

 4, 28.783, 314.516

■ 0, 28.783, 314.516

■ 74, 28.783,
314.516

■ 74, 28.783,
314.516

■ 68, 42.033,
314.970

■ 80, 15.701,
314.067

■ 62, 55.276,
315.410

■ 86, 2.899, 313.597

■ 57, 68.213,
315.803

■ 92, 9.570, 133.281

■ 52, 80.393,
316.101

■ 98, 19.497,
131.711

■ 47, 91.192,
316.241

■ 98, 18.504,
123.526

■ 43, 99.864,
316.141

■ 99, 17.939,
114.481

■ 99, 17.832,

■ 41,105.736,
315.723

108.829

■ 39,108.521,
315.206

Harmonies

Complementary

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



74, 28.783, 314.516



84, 28.174, 132.568

Rectangle

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



74, 28.783, 314.516



74, 28.783, 4.516



74, 28.783, 134.516



74, 28.783, 184.516

Sweetspot

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



74, 28.781, 314.516



95, 10.028, 313.834



76, 17.248, 270.235



50, 6.520, 313.862



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, 28.781, 314.516



81, 39.507, 314.740



75, 29.185, 329.090



43, 7.215, 313.940



30, 90.833, 315.375



4, 32.288, 314.711

Inverse Universe

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



75, 20.820, 353.693



82, 28.624, 354.297



83, 29.130, 146.262



43, 5.189, 352.283



37, 63.939, 14.537



6, 24.132, 3.188

Previews

White Background



This preview shows how the CIELCh color 74, 28.783, 314.516 looks on a white background.

Color Contrast Check

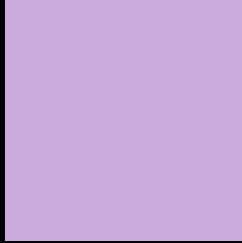
Large Text (above 18pt) WCAG AA × Fail

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, 28.783, 314.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

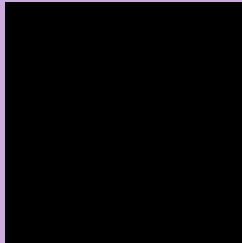
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 28.783, 314.516

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.783, 314.516.



This preview shows how white text looks on a background with the CIELCh color 74, 28.783, 314.516.

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, 28.783, 314.516

Protanopia

74, 25.012, 285.715

Deuteranopia

74, 21.764, 295.806



Tritanopia
74, 10.908, 336.385

Trichromacy



Original Color
74, 28.783, 314.516

Protanomaly
74, 25.587, 296.320

Deuteranomaly
74, 24.447, 303.724

Tritanomaly
74, 17.283, 323.093

Monochromacy



Original Color
74, 28.783, 314.516

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 10.719, 315.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.783, 314.516 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, 171, 220)` looks like.

```
.text, #text, p{  
    color:rgb(202, 171, 220)  
}
```

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, 171, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 171, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.783, 314.516 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, 171, 220) }
```

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

```
.border{ border-color:rgb(202, 171, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 171, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 171, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 171, 220);  
box-shadow:4px 4px 4px 4px rgb(202, 171,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.783, 314.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 171, 220) }
```

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

```
.background{ background-color: rgb(202,  
171, 220) }
```

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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