

Converting Colors

CIELCh(74, 15.955, 302.614)

Have a look what the booklet for
CIELCh(74, 15.955, 302.614)
contains.

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Color

CIELCh(74, 16.028, 301.784)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2CF
RGB	186, 178, 207
RGB Percent	73%, 70%, 81%
CMY	0.2711, 0.3025, 0.1888
CMYK	0.10, 0.14, 0.00, 0.19
HSL	257°, 23%, 75%
HSV	257°, 14%, 81%
XYZ	47.3523, 46.7039, 65.4581
YIQ	183.6980, -4.5410, 10.7150

Conversions

Conversions Part 2

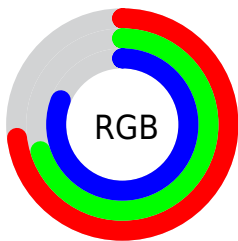
Format	Color
RYB	186, 178, 207
Decimal	12235471
CIELab	74.00, 8.44, -13.62
CIELCh	74, 16.028, 301.784
Yxy	46.7039, 0.2969, 0.2928
Android (android.graphics.Color)	4290425551 (0xFFBAB2CF)
YUV	183.6980, 11.4879, 2.0189
Hunter-Lab	68.3403, 4.0855, -8.9513

Details

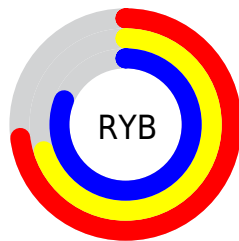
The CIELCh color $74, 16.028, 301.784$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $82, 15.589, 120.057$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.218, 305.228$, and $54, 16.500, 302.415$ is the 20% darker color. If you saturate the color by 10%, you get $68, 27.957, 302.531$, and if you desaturate by 10%, it is $80, 4.516, 301.119$.

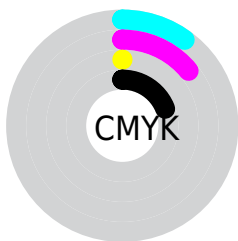
Distribution



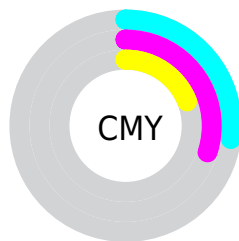
- Red (73%)
- Green (70%)
- Blue (81%)



- Red (73%)
- Yellow (70%)
- Blue (81%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)





- Cyan (27%)
- Magenta (30%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 16.028, 301.784 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, 16.028, 301.784 by changing the saturation by 10% instead.


 74, 16.028,
301.784

 74, 16.028,
301.784

 100, 16.028,
301.784


 64, 16.028,
301.784


 94, 16.028,
301.784

 54, 16.028,
301.784

 44, 16.028,
301.784

 34, 16.028,
301.784

 24, 16.028,
301.784

 14, 16.028,
301.784

 4, 16.028, 301.784

■ 0, 16.028, 301.784

■ 74, 16.028,
301.784

■ 74, 16.028,
301.784

■ 68, 27.957,
302.531

■ 80, 4.516, 301.119

■ 87, 6.583, 120.563

■ 61, 40.296,
303.374

■ 93, 17.289,
120.064

■ 55, 52.988,
304.303

■ 98, 24.582,
116.344

■ 48, 65.884,
305.293

■ 99, 24.305,
108.334

■ 43, 78.668,
306.287

■ 37, 90.727,
307.183

■ 33, 101.058,
307.820

■ 29, 108.384,
308.005

■ 28, 111.451,
307.961

Harmonies

Complementary

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



74, 16.028, 301.784



82, 15.589, 120.057

Rectangle

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



74, 16.028, 301.784



74, 16.028, 351.784



74, 16.028, 121.784



74, 16.028, 171.784

Sweetspot

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



74, 16.026, 301.782



97, 5.330, 301.121



79, 8.427, 228.410



51, 3.792, 301.169



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, 16.026, 301.782



87, 23.167, 302.011



75, 17.659, 318.399



41, 6.492, 301.467



22, 95.434, 308.085



2, 25.919, 300.173

Inverse Universe

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



76, 15.582, 334.247



89, 22.437, 334.476



81, 17.513, 137.170



41, 6.344, 333.919



37, 68.787, 343.004



5, 25.151, 339.558

Previews

White Background



This preview shows how the CIELCh color 74, 16.028, 301.784 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, 16.028, 301.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

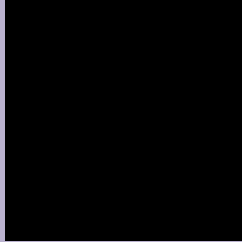
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 16.028, 301.784

Background



This preview shows how black text looks on a background with the CIELCh color 74, 16.028, 301.784.



This preview shows how white text looks on a background with the CIELCh color 74, 16.028, 301.784.

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, 16.028, 301.784

Protanopia

74, 15.731, 287.879

Deuteranopia

74, 16.796, 305.071



Tritanopia
74, 7.749, 301.688

Trichromacy



Original Color
74, 16.028, 301.784

Protanomaly
74, 15.740, 292.938

Deuteranomaly
74, 16.716, 303.884

Tritanomaly
74, 11.091, 302.394

Monochromacy



Original Color
74, 16.028, 301.784

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.539, 302.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 16.028, 301.784 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(186, 178, 207)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 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(186, 178, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 16.028, 301.784 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(186, 178, 207) }
```

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

```
.border{ border-color:rgb(186, 178, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 178, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 207);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 16.028, 301.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 207) }
```

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

```
.background{ background-color: rgb(186,  
178, 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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