

Converting Colors

CIELCh(74, 16.047, 318.696)

Have a look what the booklet for
CIELCh(74, 16.047, 318.696)
contains.

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Color

CIELCh(74, 16.084, 319.601)

Conversions

Conversions Part 1

Format	Color
Hex	C4AFC9
RGB	196, 175, 201
RGB Percent	77%, 69%, 79%
CMY	0.2307, 0.3131, 0.2111
CMYK	0.02, 0.13, 0.00, 0.21
HSL	288°, 19%, 74%
HSV	288°, 13%, 79%
XYZ	48.7297, 46.7039, 61.8051
YIQ	184.2430, 4.1700, 12.5380

Conversions

Conversions Part 2

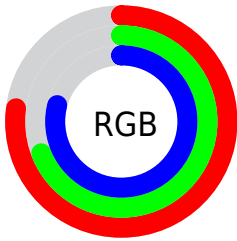
Format	Color
R_{YB}	196, 175, 201
Decimal	12890057
CIE _{Lab}	74.00, 12.25, -10.42
CIE _{LCh}	74, 16.084, 319.601
Yxy	46.7039, 0.3099, 0.2970
Android (android.graphics.Color)	4291080137 (0xFFC4AFC9)
YUV	184.2430, 8.2612, 10.3109
Hunter-Lab	68.3403, 7.6831, -5.7820

Details

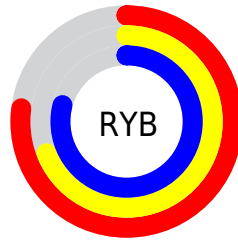
The CIELCh color **74, 16.084, 319.601** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79, 15.978, 138.440**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 14.614, 322.631**, and **54, 15.699, 319.252** is the 20% darker color. If you saturate the color by 10%, you get **69, 28.711, 320.055**, and if you desaturate by 10%, it is **79, 3.611, 319.111**.

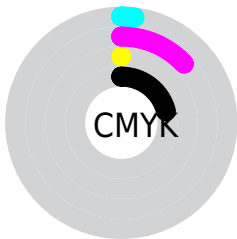
Distribution



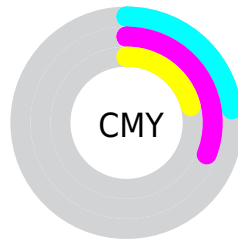
- Red (77%)
- Green (69%)
- Blue (79%)



- Red (77%)
- Yellow (69%)
- Blue (79%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (21%)





- Cyan (23%)
- Magenta (31%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 16.084, 319.601 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, 16.084, 319.601 by changing the saturation by 10% instead.


 74, 16.084,
319.601


 74, 16.084,
319.601


 100, 16.084,
319.601


 64, 16.084,
319.601


 94, 16.084,
319.601

 54, 16.084,
319.601

 44, 16.084,
319.601

 34, 16.084,
319.601

 24, 16.084,
319.601

 14, 16.084,
319.601

 4, 16.084, 319.601

■ 0, 16.084, 319.601

■ 74, 16.084,
319.601

■ 74, 16.084,
319.601

■ 69, 28.711,
320.055

■ 79, 3.611, 319.111

■ 85, 8.603, 138.765

■ 64, 41.340,
320.496

■ 90, 20.508,
138.344

■ 59, 53.723,
320.904

■ 96, 31.699,
137.906

■ 54, 65.509,
321.250

■ 96, 31.007,
135.790

■ 50, 76.226,
321.501

■ 96, 30.356,
133.556

■ 47, 85.313,
321.612

■ 97, 29.752,

■ 44, 92.215,
321.539

131.203

■ 42, 96.559,
321.248

■ 97, 29.199,
128.733

■ 41, 98.410,
320.936

■ 97, 28.703,
126.149

Harmonies

Complementary

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



74, 16.084, 319.601



79, 15.978, 138.440

Rectangle

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



74, 16.084, 319.601



74, 16.084, 9.601



74, 16.084, 139.601



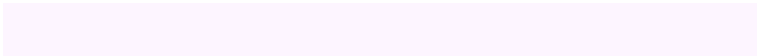
74, 16.084, 189.601

Sweetspot

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



74, 16.082, 319.600



97, 5.990, 319.177



74, 11.388, 281.997



52, 4.259, 319.217



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, 16.082, 319.600



89, 24.194, 319.751



74, 13.798, 335.149



39, 6.971, 319.437



33, 84.222, 321.038



3, 24.547, 318.758

Inverse Universe

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



74, 10.243, 5.023



89, 15.505, 5.391



79, 13.715, 153.384



39, 4.411, 4.639



34, 66.560, 29.469



3, 16.161, 9.541

Previews

White Background



This preview shows how the CIELCh color 74, 16.084, 319.601 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, 16.084, 319.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

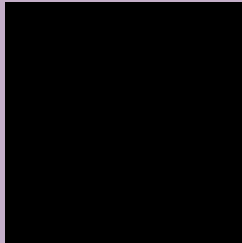
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 16.084, 319.601

Background



This preview shows how black text looks on a background with the CIELCh color 74, 16.084, 319.601.



This preview shows how white text looks on a background with the CIELCh color 74, 16.084, 319.601.

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, 16.084, 319.601

Protanopia

74, 13.020, 286.779

Deuteranopia

74, 14.019, 312.421



Tritanopia
74, 10.129, 331.868

Trichromacy



Original Color
74, 16.084, 319.601

Protanomaly
74, 13.755, 300.351

Deuteranomaly
74, 14.949, 315.604

Tritanomaly
74, 12.484, 324.952

Monochromacy



Original Color
74, 16.084, 319.601

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 5.541, 318.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 16.084, 319.601 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, 175, 201)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 201)  
}
```

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, 175, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 16.084, 319.601 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, 175, 201) }
```

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

```
.border{ border-color:rgb(196, 175, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 175, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 201);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 16.084, 319.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 201) }
```

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

```
.background{ background-color: rgb(196,  
175, 201) }
```

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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