

Converting Colors

CIELCh(74, 18.984, 283.423)

Have a look what the booklet for
CIELCh(74, 18.984, 283.423)
contains.

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Color

CIELCh(74, 19.121, 282.806)

Conversions

Conversions Part 1

Format	Color
Hex	ACB5D8
RGB	172, 181, 216
RGB Percent	67%, 71%, 85%
CMY	0.3260, 0.2907, 0.1534
CMYK	0.20, 0.16, 0.00, 0.15
HSL	228°, 36%, 76%
HSV	228°, 20%, 85%
XYZ	45.8616, 46.7039, 71.4748
YIQ	182.2990, -16.5990, 8.9770

Conversions

Conversions Part 2

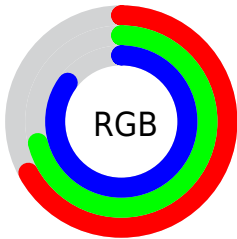
Format	Color
RYB	172, 179, 216
Decimal	11318744
CIELab	74.00, 4.24, -18.65
CIELCh	74, 19.121, 282.806
Yxy	46.7039, 0.2796, 0.2847
Android (android.graphics.Color)	4289508824 (0xFFACB5D8)
YUV	182.2990, 16.6146, -9.0322
Hunter-Lab	68.3403, 0.1917, -14.1712

Details

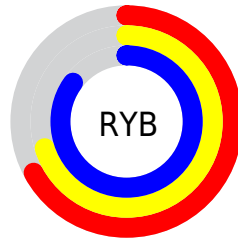
The CIELCh color **74, 19.121, 282.806** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83, 18.708, 97.759**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 9.709, 272.564**, and **54, 19.202, 283.058** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.930, 284.456**, and if you desaturate by 10%, it is **80, 9.602, 281.397**.

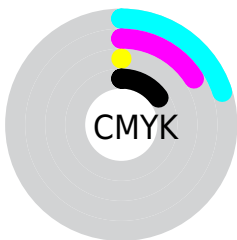
Distribution



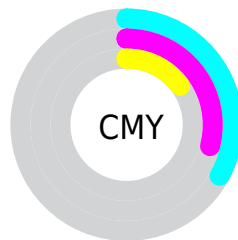
- Red (67%)
- Green (71%)
- Blue (85%)



- Red (67%)
- Yellow (70%)
- Blue (85%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)





- Cyan (33%)
- Magenta (29%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 19.121, 282.806 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, 19.121, 282.806 by changing the saturation by 10% instead.

 74, 19.121,
282.806

 74, 19.121,
282.806


 100, 19.121,
282.806


 64, 19.121,
282.806


 94, 19.121,
282.806

 54, 19.121,
282.806

 44, 19.121,
282.806

 34, 19.121,
282.806

 24, 19.121,
282.806

 14, 19.121,
282.806

 4, 19.121, 282.806

0, 19.121, 282.806

74, 19.121,
282.806

74, 19.121,
282.806

68, 28.930,
284.456

80, 9.602, 281.397

86, 0.356, 280.642

62, 39.063,
286.388

92, 8.636, 99.103

56, 49.549,
288.631

98, 17.210,
102.142

50, 60.408,
291.194

99, 19.779,
108.681

45, 71.610,
294.038

39, 82.976,
297.053

■ 35, 94.035,
300.031

■ 31, 103.604,
302.555

Harmonies

Complementary

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



74, 19.121, 282.806



83, 18.708, 97.759

Rectangle

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



74, 19.121, 282.806



74, 19.121, 332.806



74, 19.121, 102.806



74, 19.121, 152.806

Sweetspot

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



74, 19.120, 282.804



96, 6.319, 280.862



83, 16.239, 180.133



51, 4.195, 280.941



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, 19.120, 282.804



83, 25.920, 283.408



73, 24.423, 302.518



42, 5.210, 281.274



24, 85.826, 302.134



3, 23.718, 288.898

Inverse Universe

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



74, 17.499, 4.965



84, 23.803, 5.453



84, 23.459, 119.965



42, 4.710, 3.717



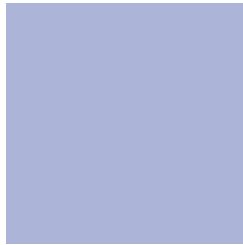
36, 68.431, 28.757



5, 22.062, 10.665

Previews

White Background



This preview shows how the CIELCh color 74, 19.121, 282.806 looks on a white background.

Color Contrast Check

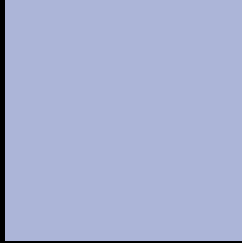
Large Text (above 18pt) WCAG AA × Fail

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, 19.121, 282.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

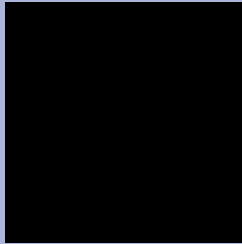
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 19.121, 282.806

Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.121, 282.806.



This preview shows how white text looks on a background with the CIELCh color 74, 19.121, 282.806.

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, 19.121, 282.806

Protanopia

74, 19.004, 286.830

Deuteranopia

74, 21.224, 295.858



Tritanopia
74, 9.128, 255.522

Trichromacy



Original Color
74, 19.121, 282.806

Protanomaly
74, 19.030, 285.818

Deuteranomaly
74, 20.597, 291.172

Tritanomaly
74, 12.124, 269.369

Monochromacy



Original Color
74, 19.121, 282.806

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.630, 278.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 19.121, 282.806 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(172, 181, 216)` looks like.

```
.text, #text, p{  
    color:rgb(172, 181, 216)  
}
```

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(172, 181, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 181, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 19.121, 282.806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

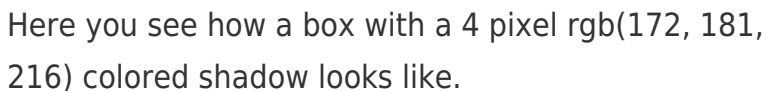
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 181, 216) }
```

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

```
.border{ border-color:rgb(172, 181, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 181, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 181, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 181, 216); box-shadow:4px 4px 4px 4px rgb(172, 181, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 19.121, 282.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 181, 216) }
```

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

```
.background{ background-color: rgb(172,  
181, 216) }
```

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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