

Converting Colors

CIELCh(74, 26.468, 301.187)

Have a look what the booklet for
CIELCh(74, 26.468, 301.187)
contains.

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Color

CIELCh(74, 26.451, 301.438)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BBAFDF |
| RGB | 187, 175, 223 |
| RGB Percent | 73%, 69%, 87% |
| CMY | 0.2656, 0.3127, 0.1244 |
| CMYK | 0.16, 0.22, 0.00, 0.12 |
| HSL | 255°, 43%, 78% |
| HSV | 255°, 22%, 88% |
| XYZ | 49.2972, 46.7039, 76.4240 |
| YIQ | 184.0600, -8.2560, 17.4720 |

Conversions

Conversions Part 2

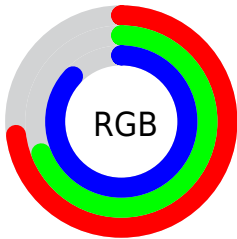
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 187, 175, 223 |
| Decimal | 12300255 |
| CIE Lab | 74.00, 13.80, -22.57 |
| CIE LCh | 74, 26.451, 301.438 |
| Yxy | 46.7039, 0.2859, 0.2709 |
| Android (android.graphics.Color) | 4290490335 (0xFFBBAFDF) |
| YUV | 184.0600, 19.1974, 2.5784 |
| Hunter-Lab | 68.3403, 9.1653, -18.4650 |

Details

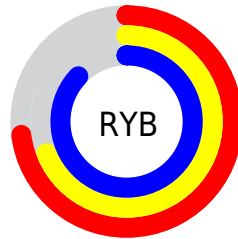
The CIELCh color $74, 26.451, 301.438$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $87, 25.302, 118.558$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 13.242, 310.910$, and $54, 26.311, 300.887$ is the 20% darker color. If you saturate the color by 10%, you get $67, 39.464, 302.309$, and if you desaturate by 10%, it is $81, 13.891, 300.669$.

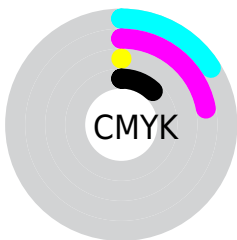
Distribution



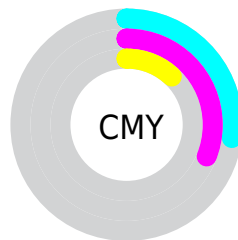
- Red (73%)
- Green (69%)
- Blue (87%)



- Red (73%)
- Yellow (69%)
- Blue (87%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (31%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 26.451, 301.438 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, 26.451, 301.438 by changing the saturation by 10% instead.

 74, 26.451,
301.438

 74, 26.451,
301.438

 100, 26.451,
301.438

 64, 26.451,
301.438

 94, 26.451,
301.438

 54, 26.451,
301.438

 44, 26.451,
301.438

 34, 26.451,
301.438

 24, 26.451,
301.438

 14, 26.451,
301.438

 4, 26.451, 301.438

0, 26.451, 301.438

74, 26.451,
301.438

74, 26.451,
301.438

67, 39.464,
302.309

81, 13.891,
300.669

60, 52.897,
303.282

88, 1.790, 299.984

53, 66.630,
304.337

95, 9.871, 119.427

99, 16.052,
109.940

47, 80.382,
305.428

99, 16.047,
108.965

41, 93.584,
306.457

36, 105.232,
307.270

■ 32, 113.924,
307.660

■ 30, 118.561,
307.639

Harmonies

Complementary

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



74, 26.451, 301.438



87, 25.302, 118.558

Rectangle

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



74, 26.451, 301.438



74, 26.451, 351.438



74, 26.451, 121.438



74, 26.451, 171.438

Sweetspot

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



74, 26.449, 301.437



95, 7.994, 300.290



82, 13.526, 226.829



50, 5.308, 300.334



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, 26.449, 301.437



80, 35.929, 301.833



76, 28.872, 318.220



43, 6.860, 300.523



23, 99.060, 307.764



3, 32.146, 301.892

Inverse Universe

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



77, 25.986, 333.769



84, 35.015, 334.107



85, 28.496, 136.271



44, 6.848, 332.925



39, 72.305, 341.301



7, 30.347, 338.689

Previews

White Background



This preview shows how the CIELCh color 74, 26.451, 301.438 looks on a white background.

Color Contrast Check

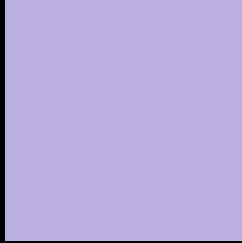
Large Text (above 18pt) WCAG AA × Fail

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, 26.451, 301.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

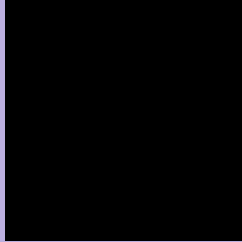
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 26.451, 301.438

Background



This preview shows how black text looks on a background with the CIELCh color 74, 26.451, 301.438.



This preview shows how white text looks on a background with the CIELCh color 74, 26.451, 301.438.

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, 26.451, 301.438

Protanopia

74, 25.547, 285.924

Deuteranopia

74, 24.413, 293.251



Tritanopia
74, 8.177, 296.020

Trichromacy



Original Color
74, 26.451, 301.438

Protanomaly
74, 26.023, 291.884

Deuteranomaly
74, 25.048, 296.363

Tritanomaly
74, 14.840, 299.770

Monochromacy



Original Color
74, 26.451, 301.438

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 9.339, 299.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 26.451, 301.438 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(187, 175, 223)` looks like.

```
.text, #text, p{  
    color:rgb(187, 175, 223)  
}
```

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(187, 175, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 175, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 26.451, 301.438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

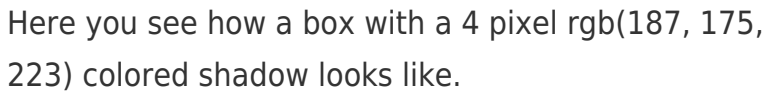
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 175, 223) }
```

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

```
.border{ border-color:rgb(187, 175, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 175, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 175, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 175, 223);  
box-shadow:4px 4px 4px 4px rgb(187, 175,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 26.451, 301.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 175, 223) }
```

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

```
.background{ background-color: rgb(187,  
175, 223) }
```

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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