

Converting Colors

CIELCh(74, 16.253, 291.685)

Have a look what the booklet for
CIELCh(74, 16.253, 291.685)
contains.

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Color

CIELCh(74, 16.272, 291.721)

Conversions

Conversions Part 1

Format	Color
Hex	B3B3D1
RGB	179, 179, 209
RGB Percent	70%, 70%, 82%
CMY	0.2961, 0.2961, 0.1784
CMYK	0.14, 0.14, 0.00, 0.18
HSL	240°, 25%, 76%
HSV	240°, 14%, 82%
XYZ	46.4903, 46.7039, 67.2094
YIQ	182.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

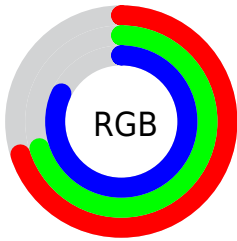
Format	Color
R _{YB}	179, 179, 209
Decimal	11776977
CIE Lab	74.00, 6.02, -15.12
CIE LCh	74, 16.272, 291.721
Yxy	46.7039, 0.2898, 0.2912
Android (android.graphics.Color)	4289967057 (0xFFB3B3D1)
YUV	182.4200, 13.1039, -2.9993
Hunter-Lab	68.3403, 1.8338, -10.4707

Details

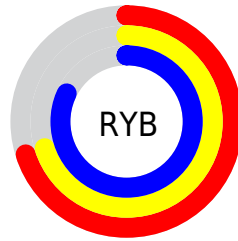
The CIELCh color $74, 16.272, 291.721$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $83, 15.748, 108.797$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 10.319, 290.990$, and $54, 16.761, 292.212$ is the 20% darker color. If you saturate the color by 10%, you get $67, 28.204, 293.026$, and if you desaturate by 10%, it is $81, 4.821, 290.618$.

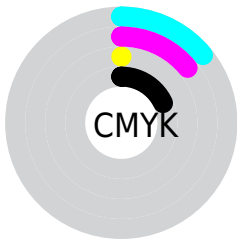
Distribution



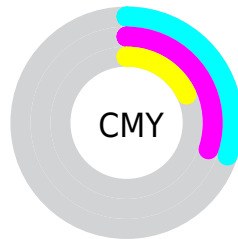
- Red (70%)
- Green (70%)
- Blue (82%)



- Red (70%)
- Yellow (70%)
- Blue (82%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)





- Cyan (30%)
- Magenta (30%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 16.272, 291.721 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, 16.272, 291.721 by changing the saturation by 10% instead.


 74, 16.272,
291.721


 74, 16.272,
291.721


 100, 16.272,
291.721


 64, 16.272,
291.721


 94, 16.272,
291.721

 54, 16.272,
291.721

 44, 16.272,
291.721

 34, 16.272,
291.721

 24, 16.272,
291.721

 14, 16.272,
291.721

 4, 16.272, 291.721

0, 16.272, 291.721

74, 16.272,
291.721

74, 16.272,
291.721

67, 28.204,
293.026

81, 4.821, 290.618

60, 40.656,
294.564

88, 6.180, 109.653

53, 53.639,
296.351

95, 16.768,
108.861

46, 67.092,
298.376

99, 22.980,
108.436

40, 80.754,
300.568

34, 93.931,
302.752

■ 29, 105.219,
304.627

■ 27, 112.697,
305.853

■ 26, 115.380,
306.287

Harmonies

Complementary

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



74, 16.272, 291.721



83, 15.748, 108.797

Rectangle

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



74, 16.272, 291.721



74, 16.272, 341.721



74, 16.272, 111.721



74, 16.272, 161.721

Sweetspot

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



74, 16.270, 291.718



97, 5.227, 290.591



82, 10.489, 198.693



51, 3.719, 290.666



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, 16.270, 291.718



86, 22.779, 292.071



75, 17.150, 309.716



40, 6.372, 291.152



19, 98.028, 306.287



1, 25.555, 293.216

Inverse Universe

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



76, 19.500, 325.212



90, 27.168, 325.371



82, 16.817, 128.434



41, 7.693, 324.936



40, 84.658, 328.233



6, 31.112, 327.825

Previews

White Background



This preview shows how the CIELCh color 74, 16.272, 291.721 looks on a white background.

Color Contrast Check

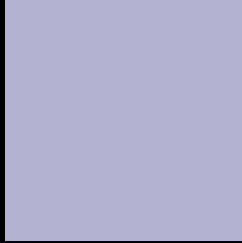
Large Text (above 18pt) WCAG AA × Fail

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, 16.272, 291.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

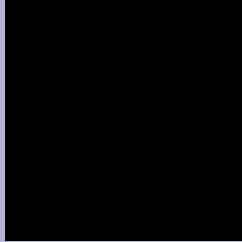
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

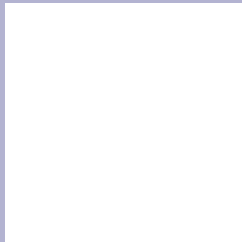
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 16.272, 291.721

Background



This preview shows how black text looks on a background with the CIELCh color 74, 16.272, 291.721.



This preview shows how white text looks on a background with the CIELCh color 74, 16.272, 291.721.

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

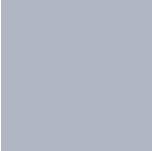
74, 16.272, 291.721

Protanopia

74, 16.290, 286.857

Deuteranopia

74, 18.239, 301.794



Tritanopia
74, 7.756, 277.571

Trichromacy



Original Color
74, 16.272, 291.721

Protanomaly
74, 16.271, 288.064

Deuteranomaly
74, 17.523, 298.672

Tritanomaly
74, 10.866, 285.604

Monochromacy



Original Color
74, 16.272, 291.721

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.956, 290.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 16.272, 291.721 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(179, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(179, 179, 209)  
}
```

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(179, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 179, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 16.272, 291.721 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(179, 179, 209) }
```

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

```
.border{ border-color:rgb(179, 179, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 179, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(179, 179,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 16.272, 291.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 179, 209) }
```

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

```
.background{ background-color: rgb(179,  
179, 209) }
```

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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