

Converting Colors

CIELCh(77, 18.214, 303.924)

Have a look what the booklet for
CIELCh(77, 18.214, 303.924)
contains.

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Color

CIELCh(77, 18.231, 303.928)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9DA
RGB	196, 185, 218
RGB Percent	77%, 73%, 85%
CMY	0.2311, 0.2743, 0.1449
CMYK	0.10, 0.15, 0.00, 0.14
HSL	260°, 31%, 79%
HSV	260°, 15%, 86%
XYZ	52.8048, 51.5317, 73.5347
YIQ	192.0510, -4.0370, 12.5950

Conversions

Conversions Part 2

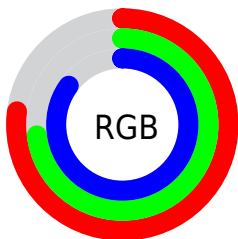
Format	Color
R_{YB}	196, 185, 218
Decimal	12892634
CIE _{Lab}	77.00, 10.18, -15.13
CIE _{LCh}	77, 18.231, 303.928
Yxy	51.5317, 0.2969, 0.2897
Android (android.graphics.Color)	4291082714 (0xFFC4B9DA)
YUV	192.0510, 12.7929, 3.4633
Hunter-Lab	71.7856, 5.6780, -10.4847

Details

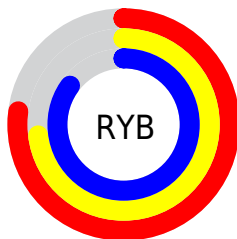
The CIELCh color **77, 18.231, 303.928** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85, 17.728, 122.225**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 8.350, 320.716**, and **57, 18.162, 303.778** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.792, 304.607**, and if you desaturate by 10%, it is **84, 6.082, 303.317**.

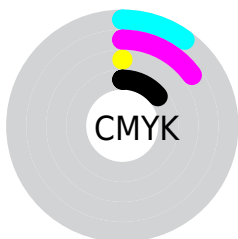
Distribution



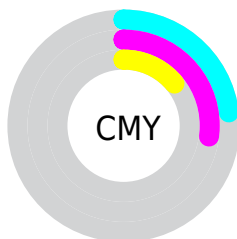
- Red (77%)
- Green (73%)
- Blue (85%)



- Red (77%)
- Yellow (73%)
- Blue (85%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)




- Cyan (23%)
- Magenta (27%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 18.231, 303.928 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 77, 18.231, 303.928 by changing the saturation by 10% instead.


 77, 18.231,
303.928

 77, 18.231,
303.928


 100, 18.231,
303.928


 67, 18.231,
303.928


 97, 18.231,
303.928

 57, 18.231,
303.928

 47, 18.231,
303.928

 37, 18.231,
303.928

 27, 18.231,
303.928

 17, 18.231,
303.928

 7, 18.231, 303.928

■ 0, 18.231, 303.928

■ 77, 18.231,
303.928

■ 77, 18.231,
303.928

■ 70, 30.792,
304.607

■ 84, 6.082, 303.317

■ 90, 5.648, 122.810

■ 64, 43.742,
305.360

■ 97, 16.972,
122.342

■ 57, 56.989,
306.174

■ 99, 18.681,
109.652

■ 51, 70.339,
307.017

■ 99, 18.676,
108.765

■ 45, 83.405,
307.827

■ 40, 95.501,
308.501

■ 35,105.581,
308.887

■ 32,112.448,
308.815

■ 31,114.859,
308.680

Harmonies

Complementary

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



77, 18.231, 303.928



85, 17.728, 122.225

Rectangle

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



77, 18.231, 303.928



77, 18.231, 353.928



77, 18.231, 123.928



77, 18.231, 173.928

Sweetspot

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



77, 18.229, 303.926



96, 6.726, 303.312



82, 9.442, 235.016



51, 4.594, 303.353



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 18.229, 303.926



86, 24.746, 304.124



78, 20.188, 319.976



43, 6.804, 303.572



23, 96.624, 308.830



3, 30.305, 303.415

Inverse Universe

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



79, 16.873, 336.731



89, 22.828, 336.966



84, 20.049, 138.577



43, 6.332, 336.295



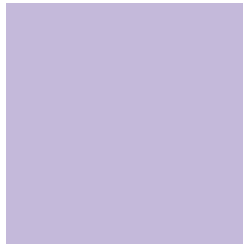
38, 67.801, 347.293



6, 27.424, 343.201

Previews

White Background



This preview shows how the CIELCh color 77, 18.231, 303.928 looks on a white background.

Color Contrast Check

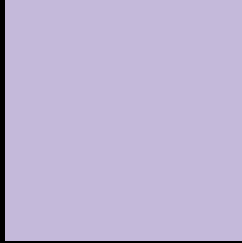
Large Text (above 18pt) WCAG AA × Fail

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 77, 18.231, 303.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

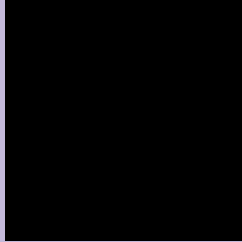
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 18.231, 303.928

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.231, 303.928.



This preview shows how white text looks on a background with the CIELCh color 77, 18.231, 303.928.

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


77, 18.231, 303.928

Protanopia

77, 16.703, 285.825

Deuteranopia

77, 18.159, 302.844



Tritanopia
77, 8.379, 305.859

Trichromacy



Original Color
77, 18.231, 303.928

Protanomaly
77, 16.662, 291.702

Deuteranomaly
77, 18.159, 302.844

Tritanomaly
77, 11.689, 305.326

Monochromacy



Original Color
77, 18.231, 303.928

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 6.629, 303.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.231, 303.928 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, 185, 218)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 218)  
}
```

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, 185, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.231, 303.928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

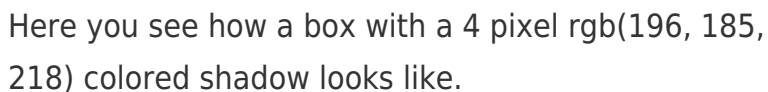
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 185, 218) }
```

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

```
.border{ border-color:rgb(196, 185, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 185, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 185, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 185, 218); box-shadow:4px 4px 4px 4px rgb(196, 185, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.231, 303.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 218) }
```

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

```
.background{ background-color: rgb(196,  
185, 218) }
```

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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