

Converting Colors

CIELCh(77, 19.381, 303.742)

Have a look what the booklet for
CIELCh(77, 19.381, 303.742)
contains.

CIELCh(77, 19.281, 303.299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 19.281, 303.299)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9DC
RGB	196, 185, 220
RGB Percent	77%, 73%, 86%
CMY	0.2318, 0.2749, 0.1377
CMYK	0.11, 0.16, 0.00, 0.14
HSL	259°, 33%, 79%
HSV	259°, 16%, 86%
XYZ	52.9629, 51.5317, 74.7843
YIQ	192.2790, -4.6790, 13.2170

Conversions

Conversions Part 2

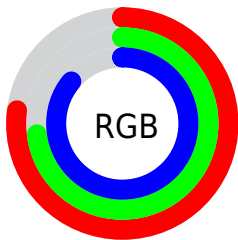
Format	Color
R_{YB}	196, 185, 220
Decimal	12892636
CIE _{Lab}	77.00, 10.59, -16.12
CIE _{LCh}	77, 19.281, 303.299
Yxy	51.5317, 0.2954, 0.2874
Android (android.graphics.Color)	4291082716 (0xFFC4B9DC)
YUV	192.2790, 13.6665, 3.2633
Hunter-Lab	71.7856, 6.0711, -11.5168

Details

The CIELCh color $77, 19.281, 303.299$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 18.708, 121.442$, 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 $57, 19.277, 303.157$ is the 20% darker color. If you saturate the color by 10%, you get $70, 31.940, 304.011$, and if you desaturate by 10%, it is $84, 7.045, 302.662$.

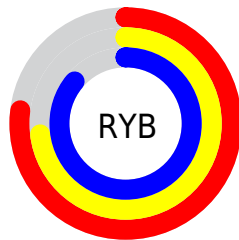
Distribution



Red (77%)

Green (73%)

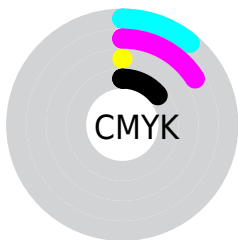
Blue (86%)



Red (77%)

Yellow (73%)

Blue (86%)

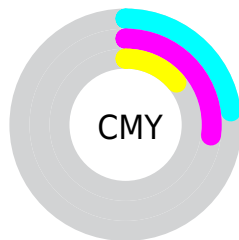


Cyan (11%)

Magenta (16%)

Yellow (0%)

Black (14%)



Cyan (23%)

Magenta (27%)

Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 19.281, 303.299 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, 19.281, 303.299 by changing the saturation by 10% instead.

 77, 19.281,
303.299

 77, 19.281,
303.299


 100, 19.281,
303.299


 67, 19.281,
303.299

 97, 19.281,
303.299

 57, 19.281,
303.299

 47, 19.281,
303.299

 37, 19.281,
303.299

 27, 19.281,
303.299

 17, 19.281,
303.299

 7, 19.281, 303.299

0, 19.281, 303.299

77, 19.281,
303.299

77, 19.281,
303.299

70, 31.940,
304.011

84, 7.045, 302.662

64, 44.999,
304.803

90, 4.763, 122.131

57, 58.368,
305.662

97, 16.157,
121.643

51, 71.846,
306.555

99, 17.757,
108.835

45, 85.031,
307.417

39, 97.198,
308.138

■ 35, 107.245,
308.556

■ 31, 113.936,
308.498

■ 30, 115.982,
308.410

Harmonies

Complementary

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



77, 19.281, 303.299



86, 18.708, 121.442

Rectangle

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



77, 19.281, 303.299



77, 19.281, 353.299



77, 19.281, 123.299



77, 19.281, 173.299

Sweetspot

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



77, 19.279, 303.297



96, 6.707, 302.610



83, 9.975, 232.913



51, 4.581, 302.652



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, 19.279, 303.297



86, 26.103, 303.520



78, 21.292, 319.508



42, 6.786, 302.878



23, 96.957, 308.559



3, 30.234, 302.833

Inverse Universe

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



79, 18.116, 335.972



88, 24.432, 336.219



85, 21.125, 138.051



43, 6.419, 335.486



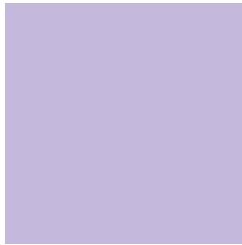
38, 68.580, 345.837



6, 27.765, 342.070

Previews

White Background



This preview shows how the CIELCh color 77, 19.281, 303.299 looks on a white background.

Color Contrast Check

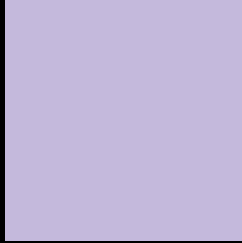
Large Text (above 18pt) WCAG AA × Fail

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 77, 19.281, 303.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

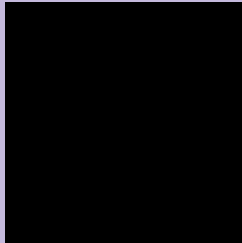
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 19.281, 303.299

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.281, 303.299.



This preview shows how white text looks on a background with the CIELCh color 77, 19.281, 303.299.

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, 19.281, 303.299

Protanopia

77, 17.769, 286.300

Deuteranopia

77, 19.151, 301.250



Tritanopia
77, 8.290, 303.449

Trichromacy



Original Color
77, 19.281, 303.299

Protanomaly
77, 17.735, 291.797

Deuteranomaly
77, 19.213, 302.277

Tritanomaly
77, 12.129, 303.088

Monochromacy



Original Color
77, 19.281, 303.299

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 7.154, 302.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.281, 303.299 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.281, 303.299 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, 220) }
```

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

```
.border{ border-color:rgb(196, 185, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 220);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.281, 303.299 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, 220) }
```

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

```
.background{ background-color: rgb(196,  
185, 220) }
```

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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