

Converting Colors

CIELCh(43, 100.069, 321.727)

Have a look what the booklet for
CIELCh(43, 100.069, 321.727)
contains.

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Color

CIELCh(43, 99.868, 321.730)

Conversions

Conversions Part 1

Format	Color
Hex	AB01CE
RGB	171, 1, 206
RGB Percent	67%, 0%, 81%
CMY	0.3286, 0.9976, 0.1914
CMYK	0.17, 1.00, 0.00, 0.19
HSL	290°, 99%, 41%
HSV	290°, 100%, 81%
XYZ	28.0061, 13.1578, 59.5737
YIQ	75.2000, 35.5150, 99.7950

Conversions

Conversions Part 2

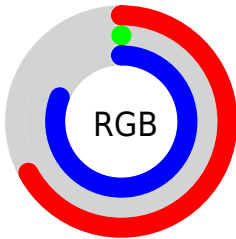
Format	Color
RYB	171, 1, 206
Decimal	11207118
CIELab	43.00, 78.41, -61.86
CIELCh	43, 99.868, 321.730
Yxy	13.1578, 0.2780, 0.1306
Android (android.graphics.Color)	4289397198 (0xFFAB01CE)
YUV	75.2000, 64.4844, 84.0166
Hunter-Lab	36.2736, 74.3372, -71.9828

Details

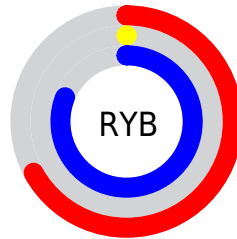
The CIELCh color **43, 99.868, 321.730** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **73, 100.623, 135.037**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 95.863, 323.122**, and **29, 80.257, 319.066** is the 20% darker color. If you saturate the color by 10%, you get **43, 99.940, 321.718**, and if you desaturate by 10%, it is **44, 97.081, 322.110**.

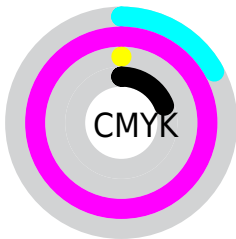
Distribution



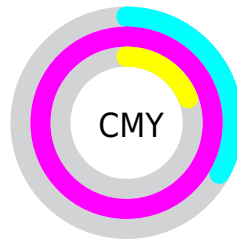
- Red (67%)
- Green (0%)
- Blue (81%)



- Red (67%)
- Yellow (0%)
- Blue (81%)



- Cyan (17%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)





- Cyan (33%)
- Magenta (100%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 99.868, 321.730 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 43, 99.868, 321.730 by changing the saturation by 10% instead.


 43, 99.868,
321.730


 43, 99.868,
321.730


 100, 99.868,
321.730


 33, 99.868,
321.730

 63, 99.868,
321.730


 23, 99.868,
321.730

 73, 99.868,
321.730

 13, 99.868,
321.730

 83, 99.868,
321.730

 3, 99.868, 321.730

 93, 99.868,
321.730

 0, 99.868, 321.730

 43, 99.868,

 43, 99.868,

321.730

■ 43, 99.940,
321.718

321.730

■ 44, 97.081,
322.110

■ 46, 91.951,
322.301

■ 49, 84.291,
322.294

■ 53, 74.536,
322.125

■ 57, 63.259,
321.834

■ 62, 51.009,
321.459

■ 67, 38.238,
321.033

■ 72, 25.280,
320.580

■ 77, 12.363,
320.114

Harmonies

Complementary

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



43, 99.868, 321.730



73, 100.623, 135.037

Rectangle

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



43, 99.868, 321.730



43, 99.868, 11.730



43, 99.868, 141.730



43, 99.868, 191.730

Sweetspot

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



43, 99.867, 321.730



81, 45.890, 321.063



29, 101.826, 303.080



40, 31.301, 321.248



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 99.867, 321.730



53, 117.334, 321.642



46, 77.709, 346.249



40, 7.163, 320.099



34, 84.938, 321.813



4, 27.285, 320.689

Inverse Universe

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



43, 80.911, 31.883



53, 95.824, 32.704



73, 89.459, 141.558



40, 4.473, 6.338



34, 68.352, 31.136



4, 18.137, 11.082

Previews

White Background



This preview shows how the CIELCh color 43, 99.868, 321.730 looks on a white background.

Color Contrast Check

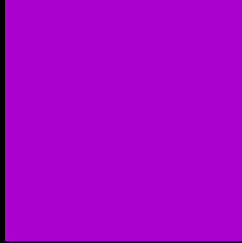
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 99.868, 321.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

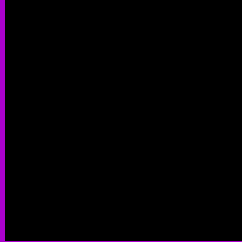
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 99.868, 321.730

Background



This preview shows how black text looks on a background with the CIELCh color 43, 99.868, 321.730.



This preview shows how white text looks on a background with the CIELCh color 43, 99.868, 321.730.

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

43, 99.760, 321.719

Protanopia

44, 66.530, 286.941

Deuteranopia

44, 49.441, 276.329



Tritanopia
44, 33.038, 18.512

Trichromacy



Original Color
43, 99.760, 321.719

Protanomaly
37, 87.434, 301.492

Deuteranomaly
36, 76.223, 299.804

Tritanomaly
41, 56.746, 339.091

Monochromacy



Original Color
43, 99.760, 321.719

Achromatopsia
32, 0.005, 296.813

Achromatomaly
31, 50.067, 321.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 99.868, 321.730 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(171, 1, 206)` looks like.

```
.text, #text, p{  
    color:rgb(171, 1, 206)  
}
```

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(171, 1, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 1, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 99.868, 321.730 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(171, 1, 206) }
```

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

```
.border{ border-color:rgb(171, 1, 206) }
```

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

Here you see how a box with a 4 pixel rgb(171, 1, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 1, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 1, 206);  
box-shadow:4px 4px 4px 4px rgb(171, 1,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 99.868, 321.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 1, 206) }
```

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

```
.background{ background-color: rgb(171, 1,  
206) }
```

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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