

Converting Colors

CIELCh(44, 101.875, 321.836)

Have a look what the booklet for
CIELCh(44, 101.875, 321.836)
contains.

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Color

CIELCh(44, 101.629, 321.867)

Conversions

Conversions Part 1

Format	Color
Hex	B000D3
RGB	176, 0, 211
RGB Percent	69%, 0%, 83%
CMY	0.3114, 1.0000, 0.1741
CMYK	0.17, 1.00, 0.00, 0.17
HSL	290°, 100%, 41%
HSV	290°, 100%, 83%
XYZ	29.5077, 13.8382, 62.4866
YIQ	76.6780, 37.1650, 102.9330

Conversions

Conversions Part 2

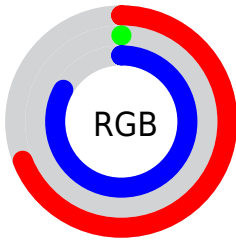
Format	Color
RYB	176, 0, 211
Decimal	11534547
CIELab	44.00, 79.94, -62.75
CIELCh	44, 101.629, 321.867
Yxy	13.8382, 0.2788, 0.1308
Android (android.graphics.Color)	4289724627 (0xFFB000D3)
YUV	76.6780, 66.2207, 87.1054
Hunter-Lab	37.1997, 76.4908, -73.5532

Details

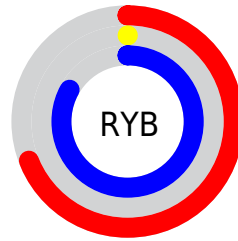
The CIELCh color **44, 101.629, 321.867** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **74, 102.391, 135.090**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 95.608, 324.037**, and **30, 81.730, 319.263** is the 20% darker color. If you saturate the color by 10%, you get **44, 101.492, 321.854**, and if you desaturate by 10%, it is **45, 98.761, 322.233**.

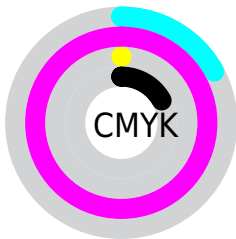
Distribution



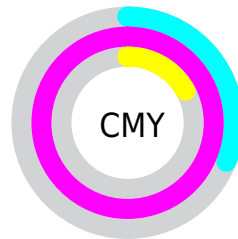
- Red (69%)
- Green (0%)
- Blue (83%)



- Red (69%)
- Yellow (0%)
- Blue (83%)



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





- Cyan (31%)
- Magenta (100%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 101.629, 321.867 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 44, 101.629, 321.867 by changing the saturation by 10% instead.


 44, 101.629,
321.867


 44, 101.629,
321.867


 100, 101.629,
321.867


 34, 101.629,
321.867


 64, 101.629,
321.867


 24, 101.629,
321.867


 74, 101.629,
321.867


 14, 101.629,
321.867


 84, 101.629,
321.867

 4, 101.629,
321.867

 94, 101.629,
321.867

 0, 101.629,
321.867

 44, 101.629,

 44, 101.629,

321.867

321.867

■ 44, 101.492,
321.854

■ 45, 98.761,
322.233

■ 47, 93.676,
322.427

■ 50, 86.000,
322.424

■ 54, 76.165,
322.258

■ 58, 64.749,
321.969

■ 63, 52.315,
321.595

■ 68, 39.329,
321.169

■ 73, 26.138,
320.714

■ 79, 12.980,
320.247

Harmonies

Complementary

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



44, 101.629, 321.867



74, 102.391, 135.090

Rectangle

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



44, 101.629, 321.867



44, 101.629, 11.867



44, 101.629, 141.867



44, 101.629, 191.867

Sweetspot

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



44, 101.492, 321.854



81, 45.933, 321.183



29, 105.487, 303.640



40, 31.328, 321.369



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 101.492, 321.854



53, 117.271, 321.788



47, 78.167, 347.644



41, 7.318, 320.219



35, 85.859, 321.948



5, 29.647, 321.519

Inverse Universe

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



44, 82.665, 32.362



53, 96.081, 32.966



74, 89.983, 142.017



41, 4.560, 6.647



35, 69.353, 31.480



4, 20.147, 11.753

Previews

White Background



This preview shows how the CIELCh color 44, 101.629, 321.867 looks on a white background.

Color Contrast Check

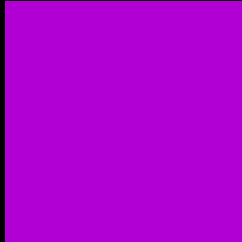
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 101.629, 321.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

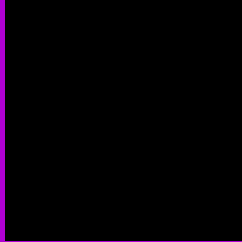
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 101.629, 321.867

Background



This preview shows how black text looks on a background with the CIELCh color 44, 101.629, 321.867.



This preview shows how white text looks on a background with the CIELCh color 44, 101.629, 321.867.

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

44, 101.629, 321.867

Protanopia

45, 68.040, 287.161

Deuteranopia

45, 50.448, 276.592



Tritanopia
45, 33.881, 19.687

Trichromacy



Original Color
44, 101.629, 321.867

Protanomaly
37, 89.438, 301.669

Deuteranomaly
37, 77.756, 300.017

Tritanomaly
42, 57.916, 339.191

Monochromacy



Original Color
44, 101.629, 321.867

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 51.171, 322.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 101.629, 321.867 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(176, 0, 211)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 211)  
}
```

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(176, 0, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 101.629, 321.867 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(176, 0, 211) }
```

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

```
.border{ border-color:rgb(176, 0, 211) }
```

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

Here you see how a box with a 4 pixel rgb(176, 0, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 211);  
box-shadow:4px 4px 4px 4px rgb(176, 0,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 101.629, 321.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 211) }
```

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

```
.background{ background-color: rgb(176, 0,  
211) }
```

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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