

Converting Colors

CIELCh(43, 101.883, 320.644)

Have a look what the booklet for
CIELCh(43, 101.883, 320.644)
contains.

CIELCh(43, 101.885, 320.653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(43, 101.885, 320.653)

Conversions

Conversions Part 1

Format	Color
Hex	A902D3
RGB	169, 2, 211
RGB Percent	66%, 1%, 83%
CMY	0.3377, 0.9934, 0.1729
CMYK	0.20, 0.99, 0.00, 0.17
HSL	288°, 98%, 42%
HSV	288°, 99%, 83%
XYZ	28.1030, 13.1578, 62.6195
YIQ	75.7590, 32.4430, 100.4030

Conversions

Conversions Part 2

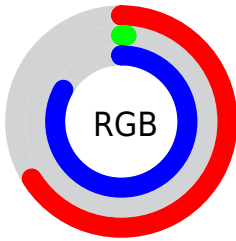
Format	Color
RYB	169, 2, 211
Decimal	11076307
CIELab	43.00, 78.79, -64.60
CIELCh	43, 101.885, 320.653
Yxy	13.1578, 0.2705, 0.1267
Android (android.graphics.Color)	4289266387 (0xFFA902D3)
YUV	75.7590, 66.6738, 81.7724
Hunter-Lab	36.2736, 74.8140, -76.9614

Details

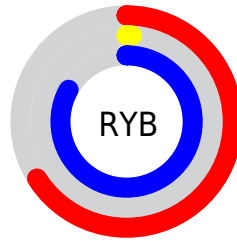
The CIELCh color **43, 101.885, 320.653** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **74, 101.764, 134.706**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 95.798, 322.746**, and **29, 82.360, 317.796** is the 20% darker color. If you saturate the color by 10%, you get **43, 102.091, 320.616**, and if you desaturate by 10%, it is **45, 98.873, 321.093**.

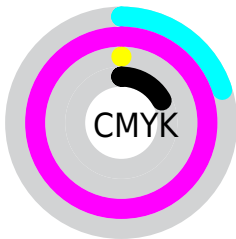
Distribution



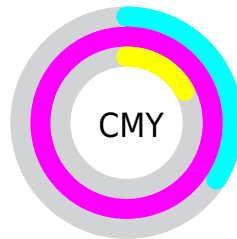
- Red (66%)
- Green (1%)
- Blue (83%)



- Red (66%)
- Yellow (1%)
- Blue (83%)



- Cyan (20%)
- Magenta (99%)
- Yellow (0%)
- Black (17%)





- Cyan (34%)
- Magenta (99%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 101.885, 320.653 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, 101.885, 320.653 by changing the saturation by 10% instead.


 43, 101.885,
320.653


 43, 101.885,
320.653


 100, 101.885,
320.653


 33, 101.885,
320.653


 63, 101.885,
320.653


 23, 101.885,
320.653


 73, 101.885,
320.653


 13, 101.885,
320.653

 83, 101.885,
320.653

 3, 101.885,
320.653

 93, 101.885,
320.653

 0, 101.885,
320.653

 43, 101.885,

 43, 101.885,

320.653

320.653

■ 43, 102.091,
320.616

■ 45, 98.873,
321.093

■ 47, 93.364,
321.317

■ 50, 85.289,
321.326

■ 54, 75.141,
321.163

■ 58, 63.525,
320.874

■ 63, 51.000,
320.502

■ 68, 38.013,
320.080

■ 74, 24.885,
319.633

■ 79, 11.834,
319.176

Harmonies

Complementary

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



43, 101.885, 320.653



74, 101.764, 134.706

Rectangle

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



43, 101.885, 320.653



43, 101.885, 10.653



43, 101.885, 140.653



43, 101.885, 190.653

Sweetspot

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



43, 101.884, 320.653



81, 45.566, 320.129



31, 99.598, 301.923



40, 31.094, 320.312



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, 101.884, 320.653



52, 117.851, 320.539



47, 80.693, 343.711



41, 7.247, 319.185



34, 86.265, 320.727



4, 29.314, 320.123

Inverse Universe

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



44, 80.418, 29.530



53, 93.860, 30.563



74, 92.945, 140.606



41, 4.611, 4.005



35, 67.802, 28.981



4, 20.214, 10.174

Previews

White Background



This preview shows how the CIELCh color 43, 101.885, 320.653 looks on a white background.

Color Contrast Check

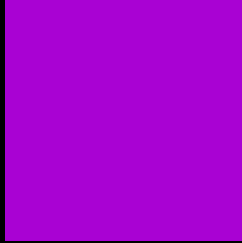
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 101.885, 320.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

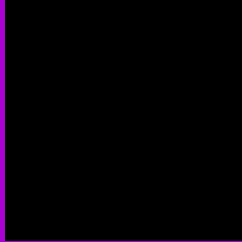
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 101.885, 320.653

Background



This preview shows how black text looks on a background with the CIELCh color 43, 101.885, 320.653.



This preview shows how white text looks on a background with the CIELCh color 43, 101.885, 320.653.

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, 101.885, 320.653

Protanopia

44, 65.979, 286.724

Deuteranopia

44, 48.918, 275.922



Tritanopia
43, 30.282, 17.428

Trichromacy



Original Color
43, 101.885, 320.653



Protanomaly
37, 87.999, 301.437



Deuteranomaly
36, 76.803, 299.738



Tritanomaly
40, 56.858, 336.714

Monochromacy



Original Color
43, 101.885, 320.653



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 50.475, 321.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 101.885, 320.653 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(169, 2, 211)` looks like.

```
.text, #text, p{  
    color:rgb(169, 2, 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(169, 2, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 2, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 101.885, 320.653 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(169, 2, 211) }
```

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

```
.border{ border-color:rgb(169, 2, 211) }
```

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

Here you see how a box with a 4 pixel rgb(169, 2, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 2, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 2, 211);  
box-shadow:4px 4px 4px 4px rgb(169, 2,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 101.885, 320.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 2, 211) }
```

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

```
.background{ background-color: rgb(169, 2,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor