

Converting Colors

CIELCh(43, 101.356, 320.647)

Have a look what the booklet for
CIELCh(43, 101.356, 320.647)
contains.

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Color

CIELCh(43, 101.138, 320.756)

Conversions

Conversions Part 1

Format	Color
Hex	A904D2
RGB	169, 4, 210
RGB Percent	66%, 2%, 82%
CMY	0.3379, 0.9825, 0.1771
CMYK	0.20, 0.98, 0.00, 0.18
HSL	288°, 96%, 42%
HSV	288°, 98%, 82%
XYZ	27.9861, 13.1578, 61.9282
YIQ	76.8190, 32.2140, 99.0460

Conversions

Conversions Part 2

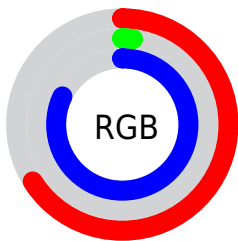
Format	Color
RYB	169, 4, 210
Decimal	11076818
CIELab	43.00, 78.33, -63.98
CIELCh	43, 101.138, 320.756
Yxy	13.1578, 0.2715, 0.1277
Android (android.graphics.Color)	4289266898 (0xFFA904D2)
YUV	76.8190, 65.6582, 80.8427
Hunter-Lab	36.2736, 74.2388, -75.8314

Details

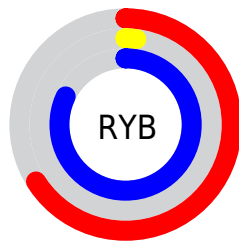
The CIELCh color **43, 101.138, 320.756** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **74, 100.984, 134.676**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 95.798, 322.746**, and **29, 81.808, 318.155** is the 20% darker color. If you saturate the color by 10%, you get **43, 101.686, 320.657**, and if you desaturate by 10%, it is **45, 97.903, 321.174**.

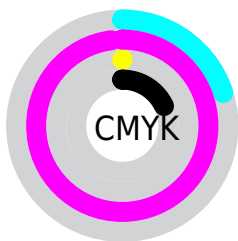
Distribution



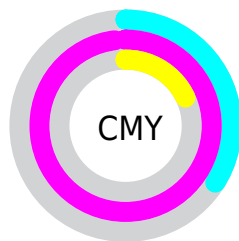
- Red (66%)
- Green (2%)
- Blue (82%)



- Red (66%)
- Yellow (2%)
- Blue (82%)



- Cyan (20%)
- Magenta (98%)
- Yellow (0%)
- Black (18%)





- Cyan (34%)
- Magenta (98%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 101.138, 320.756 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, 101.138, 320.756 by changing the saturation by 10% instead.


 43, 101.138,
320.756


 43, 101.138,
320.756


 100, 101.138,
320.756


 33, 101.138,
320.756


 63, 101.138,
320.756


 23, 101.138,
320.756


 73, 101.138,
320.756


 13, 101.138,
320.756

 83, 101.138,
320.756

 3, 101.138,
320.756

 93, 101.138,
320.756

 0, 101.138,
320.756

 43, 101.138,

 43, 101.138,

320.756

■ 43, 101.686,
320.657

320.756

■ 45, 97.903,
321.174

■ 47, 92.057,
321.365

■ 50, 83.709,
321.347

■ 54, 73.374,
321.165

■ 59, 61.655,
320.862

■ 63, 49.097,
320.481

■ 69, 36.127,
320.054

■ 74, 23.050,
319.606

■ 80, 10.071,
319.147

Harmonies

Complementary

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



43, 101.138, 320.756



74, 100.984, 134.676

Rectangle

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



43, 101.138, 320.756



43, 101.138, 10.756



43, 101.138, 140.756



43, 101.138, 190.756

Sweetspot

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



43, 101.137, 320.756



81, 44.050, 320.118



31, 99.829, 302.167



41, 30.239, 320.305



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, 101.137, 320.756



52, 117.831, 320.578



47, 79.472, 344.663



41, 7.249, 319.218



34, 86.251, 320.765



4, 29.325, 320.168

Inverse Universe

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



44, 79.420, 28.923



53, 93.930, 30.644



74, 90.846, 141.348



41, 4.609, 4.089



35, 67.851, 29.064



4, 20.212, 10.225

Previews

White Background



This preview shows how the CIELCh color 43, 101.138, 320.756 looks on a white background.

Color Contrast Check

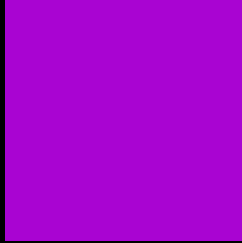
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101.138, 320.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

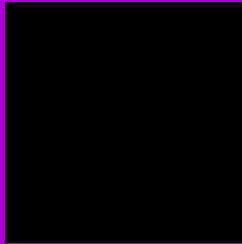
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 101.138, 320.756

Background



This preview shows how black text looks on a background with the CIELCh color 43, 101.138, 320.756.



This preview shows how white text looks on a background with the CIELCh color 43, 101.138, 320.756.

320.756.

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, 101.246, 320.767

Protanopia

44, 65.979, 286.724

Deuteranopia

44, 48.936, 276.193

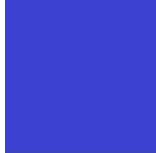


Tritanopia
43, 31.219, 17.817

Trichromacy



Original Color
43, 101.246, 320.767



Protanomaly
37, 87.395, 301.230



Deuteranomaly
36, 76.247, 299.679



Tritanomaly
41, 56.031, 337.214

Monochromacy



Original Color
43, 101.246, 320.767



Achromatopsia
33, 0.005, 296.813



Achromatomaly
32, 49.277, 321.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 101.138, 320.756 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, 4, 210)` looks like.

```
.text, #text, p{  
    color:rgb(169, 4, 210)  
}
```

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, 4, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 4, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 101.138, 320.756 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, 4, 210) }
```

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

```
.border{ border-color:rgb(169, 4, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 4, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 4, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 4, 210);  
box-shadow:4px 4px 4px 4px rgb(169, 4,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 101.138, 320.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 4, 210) }
```

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

```
.background{ background-color: rgb(169, 4,  
210) }
```

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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