

Converting Colors

CIELCh(42, 95.799, 322.829)

Have a look what the booklet for
CIELCh(42, 95.799, 322.829)
contains.

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Color

CIELCh(42, 96.018, 322.741)

Conversions

Conversions Part 1

Format	Color
Hex	A902C5
RGB	169, 2, 197
RGB Percent	66%, 1%, 77%
CMY	0.3374, 0.9926, 0.2276
CMYK	0.14, 0.99, 0.00, 0.23
HSL	291°, 98%, 39%
HSV	291°, 99%, 77%
XYZ	26.4463, 12.5000, 53.8173
YIQ	74.1630, 36.9370, 96.0490

Conversions

Conversions Part 2

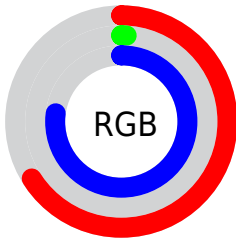
Format	Color
RYB	169, 2, 197
Decimal	11076293
CIELab	42.00, 76.42, -58.13
CIELCh	42, 96.018, 322.741
Yxy	12.5000, 0.2851, 0.1348
Android (android.graphics.Color)	4289266373 (0xFFA902C5)
YUV	74.1630, 60.5586, 83.1720
Hunter-Lab	35.3553, 71.6485, -65.5016

Details

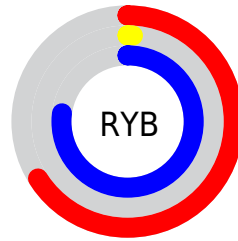
The CIELCh color **42, 96.018, 322.741** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **70, 97.339, 135.262**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 96.206, 322.594**, and **28, 76.321, 320.224** is the 20% darker color. If you saturate the color by 10%, you get **42, 96.244, 322.710**, and if you desaturate by 10%, it is **43, 93.268, 323.047**.

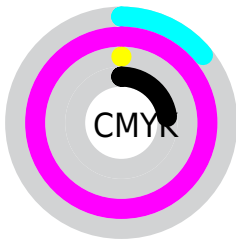
Distribution



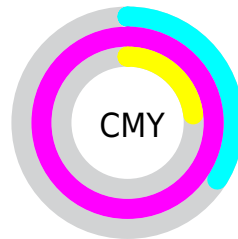
- Red (66%)
- Green (1%)
- Blue (77%)



- Red (66%)
- Yellow (1%)
- Blue (77%)



- Cyan (14%)
- Magenta (99%)
- Yellow (0%)
- Black (23%)





- Cyan (34%)
- Magenta (99%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 96.018, 322.741 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 42, 96.018, 322.741 by changing the saturation by 10% instead.


 42, 96.018,
322.741


 42, 96.018,
322.741


 100, 96.018,
322.741


 32, 96.018,
322.741

 62, 96.018,
322.741


 22, 96.018,
322.741

 72, 96.018,
322.741

 12, 96.018,
322.741

 82, 96.018,
322.741

 2, 96.018, 322.741

 92, 96.018,
322.741

 0, 96.018, 322.741

 42, 96.018,

 42, 96.018,

322.741

■ 42, 96.244,
322.710

322.741

■ 43, 93.268,
323.047

■ 45, 88.237,
323.179

■ 48, 80.799,
323.131

■ 51, 71.362,
322.936

■ 55, 60.461,
322.628

■ 60, 48.614,
322.242

■ 65, 36.253,
321.806

■ 70, 23.701,
321.344

■ 75, 11.181,
320.869

Harmonies

Complementary

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



42, 96.018, 322.741



70, 97.339, 135.262

Rectangle

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



42, 96.018, 322.741



42, 96.018, 12.741



42, 96.018, 142.741



42, 96.018, 192.741

Sweetspot

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



42, 96.016, 322.741



81, 46.182, 321.870



27, 100.741, 303.802



41, 31.487, 322.059



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



42, 96.016, 322.741



54, 116.930, 322.629



43, 73.652, 348.631



39, 7.069, 320.886



34, 83.694, 322.782



4, 25.098, 320.982

Inverse Universe

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



41, 79.068, 33.185



53, 97.544, 34.387



70, 83.829, 142.864



39, 4.348, 8.409



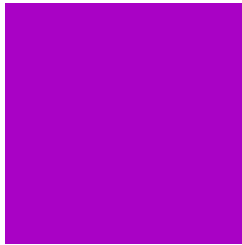
34, 68.727, 32.854



3, 16.046, 12.006

Previews

White Background



This preview shows how the CIELCh color 42, 96.018, 322.741 looks on a white background.

Color Contrast Check

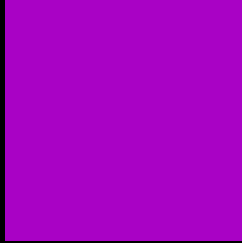
Large Text (above 18pt) WCAG AA ✓ Pass

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 42, 96.018, 322.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

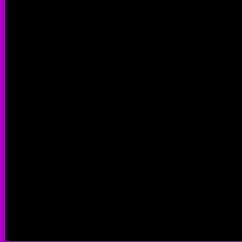
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 96.018, 322.741

Background



This preview shows how black text looks on a background with the CIELCh color 42, 96.018, 322.741.



This preview shows how white text looks on a background with the CIELCh color 42, 96.018, 322.741.

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

42, 96.018, 322.741

Protanopia

43, 65.013, 286.709

Deuteranopia

43, 48.978, 276.738

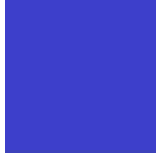


Tritanopia
42, 34.600, 19.208

Trichromacy



Original Color
42, 96.018, 322.741



Protanomaly
36, 84.848, 301.362



Deuteranomaly
35, 74.179, 299.860



Tritanomaly
40, 55.385, 341.099

Monochromacy



Original Color
42, 96.018, 322.741



Achromatopsia
31, 0.005, 296.813



Achromatomaly
31, 48.013, 322.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 96.018, 322.741 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(169, 2, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 2, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 96.018, 322.741 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, 197) }
```

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

```
.border{ border-color:rgb(169, 2, 197) }
```

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, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 2, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 2, 197);  
box-shadow:4px 4px 4px 4px rgb(169, 2,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 96.018, 322.741 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, 197) }
```

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

```
.background{ background-color: rgb(169, 2,  
197) }
```

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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