

Converting Colors

CIELCh(42, 96.506, 322.540)

Have a look what the booklet for
CIELCh(42, 96.506, 322.540)
contains.

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Color

CIELCh(42, 96.546, 322.590)

Conversions

Conversions Part 1

Format	Color
Hex	A901C6
RGB	169, 1, 198
RGB Percent	66%, 0%, 78%
CMY	0.3379, 0.9978, 0.2241
CMYK	0.15, 1.00, 0.00, 0.22
HSL	291°, 99%, 39%
HSV	291°, 100%, 78%
XYZ	26.5109, 12.5000, 54.3520
YIQ	73.6900, 36.8910, 96.8830

Conversions

Conversions Part 2

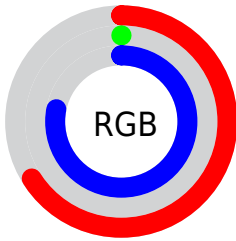
Format	Color
RYB	169, 1, 198
Decimal	11076038
CIELab	42.00, 76.69, -58.65
CIElCh	42, 96.546, 322.590
Yxy	12.5000, 0.2840, 0.1339
Android (android.graphics.Color)	4289266118 (0xFFA901C6)
YUV	73.6900, 61.2848, 83.5869
Hunter-Lab	35.3553, 71.9751, -66.3982

Details

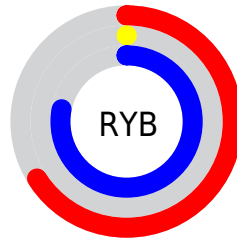
The CIELCh color **42, 96.546, 322.590** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **70, 97.823, 135.234**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 96.206, 322.594**, and **28, 76.777, 320.035** is the 20% darker color. If you saturate the color by 10%, you get **42, 96.611, 322.581**, and if you desaturate by 10%, it is **43, 93.869, 322.911**.

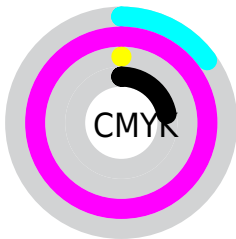
Distribution



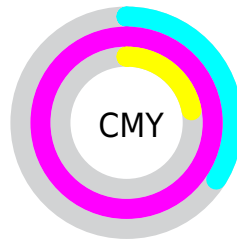
- Red (66%)
- Green (0%)
- Blue (78%)



- Red (66%)
- Yellow (0%)
- Blue (78%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)





- Cyan (34%)
- Magenta (100%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 96.546, 322.590 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, 96.546, 322.590 by changing the saturation by 10% instead.


 42, 96.546,
322.590


 42, 96.546,
322.590


 100, 96.546,
322.590


 32, 96.546,
322.590

 62, 96.546,
322.590


 22, 96.546,
322.590

 72, 96.546,
322.590

 12, 96.546,
322.590

 82, 96.546,
322.590

 2, 96.546, 322.590

 92, 96.546,
322.590

 0, 96.546, 322.590

 42, 96.546,

 42, 96.546,

322.590

322.590

■ 42, 96.611,
322.581

■ 43, 93.869,
322.911

■ 45, 88.979,
323.062

■ 48, 81.655,
323.030

■ 51, 72.292,
322.846

■ 55, 61.426,
322.546

■ 60, 49.585,
322.165

■ 64, 37.207,
321.733

■ 69, 24.621,
321.273

■ 75, 12.059,
320.800

Harmonies

Complementary

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



42, 96.546, 322.590



70, 97.823, 135.234

Rectangle

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



42, 96.546, 322.590



42, 96.546, 12.590



42, 96.546, 142.590



42, 96.546, 192.590

Sweetspot

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



42, 96.545, 322.590



81, 46.144, 321.766



27, 101.637, 303.932



41, 31.463, 321.954



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, 96.545, 322.590



54, 116.980, 322.500



44, 73.936, 348.801



39, 7.062, 320.784



34, 83.728, 322.656



4, 25.059, 320.826

Inverse Universe

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



41, 79.564, 33.274



53, 97.322, 34.179



70, 84.460, 142.728



39, 4.352, 8.138



34, 68.571, 32.631



3, 16.053, 11.830

Previews

White Background



This preview shows how the CIELCh color 42, 96.546, 322.590 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, 96.546, 322.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

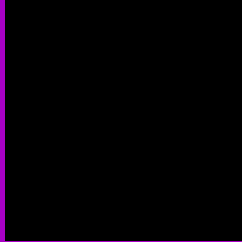
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 96.546, 322.590

Background



This preview shows how black text looks on a background with the CIELCh color 42, 96.546, 322.590.



This preview shows how white text looks on a background with the CIELCh color 42, 96.546, 322.590.

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, 96.546, 322.590

Deuteranopia

43, 48.978, 276.738

Tritanopia

43, 34.190, 19.976

Trichromacy



Original Color
42, 96.546, 322.590

Deuteranomaly
35, 74.738, 299.917

Tritanomaly
40, 55.701, 340.607

Monochromacy



Original Color
42, 96.546, 322.590

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 48.036, 322.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 96.546, 322.590 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, 1, 198)` looks like.

```
.text, #text, p{  
    color:rgb(169, 1, 198)  
}
```

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, 1, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 1, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 96.546, 322.590 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, 1, 198) }
```

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

```
.border{ border-color:rgb(169, 1, 198) }
```

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

Here you see how a box with a 4 pixel rgb(169, 1, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 1, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 1, 198);  
box-shadow:4px 4px 4px 4px rgb(169, 1,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 96.546, 322.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 1, 198) }
```

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

```
.background{ background-color: rgb(169, 1,  
198) }
```

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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