

Converting Colors

CIELCh(41, 97.371, 321.485)

Have a look what the booklet for
CIELCh(41, 97.371, 321.485)
contains.

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Color

CIELCh(41, 97.037, 321.498)

Conversions

Conversions Part 1

Format	Color
Hex	A300C6
RGB	163, 0, 198
RGB Percent	64%, 0%, 78%
CMY	0.3608, 0.9999, 0.2235
CMYK	0.18, 1.00, 0.00, 0.22
HSL	289°, 100%, 39%
HSV	289°, 100%, 78%
XYZ	25.2986, 11.8645, 54.3853
YIQ	71.3090, 33.5900, 96.1340

Conversions

Conversions Part 2

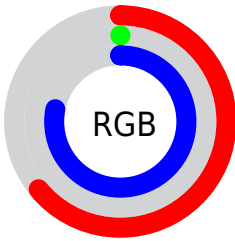
Format	Color
RYB	163, 0, 198
Decimal	10682566
CIELab	41.00, 75.94, -60.41
CIELCh	41, 97.037, 321.498
Yxy	11.8645, 0.2763, 0.1296
Android (android.graphics.Color)	4288872646 (0xFFA300C6)
YUV	71.3090, 62.4587, 80.4130
Hunter-Lab	34.4449, 70.8233, -69.5019

Details

The CIELCh color **41, 97.037, 321.498** 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, 97.587, 134.953**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 96.927, 321.556**, and **27, 77.293, 318.646** is the 20% darker color. If you saturate the color by 10%, you get **41, 97.039, 321.498**, and if you desaturate by 10%, it is **42, 94.259, 321.885**.

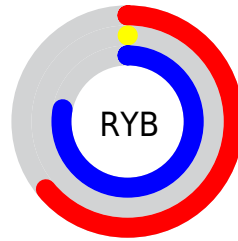
Distribution



Red (64%)

Green (0%)

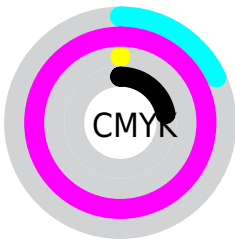
Blue (78%)



Red (64%)

Yellow (0%)

Blue (78%)

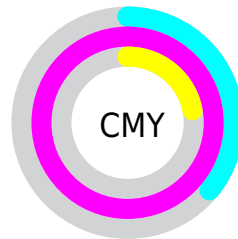


Cyan (18%)

Magenta (100%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (100%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 97.037, 321.498 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 41, 97.037, 321.498 by changing the saturation by 10% instead.

 41, 97.037,
321.498


 41, 97.037,
321.498

 100, 97.037,
321.498


 31, 97.037,
321.498

 61, 97.037,
321.498


 21, 97.037,
321.498

 71, 97.037,
321.498

 11, 97.037,
321.498


 81, 97.037,
321.498

 1, 97.037, 321.498

 91, 97.037,
321.498

 0, 97.037, 321.498

 41, 97.037,

 41, 97.037,

321.498

321.498

■ 41, 97.039,
321.498

■ 42, 94.259,
321.885

■ 44, 89.275,
322.086

■ 47, 81.846,
322.087

■ 51, 72.399,
321.923

■ 55, 61.487,
321.636

■ 59, 49.642,
321.265

■ 64, 37.297,
320.842

■ 69, 24.775,
320.392

■ 75, 12.293,
319.931

Harmonies

Complementary

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



41, 97.037, 321.498



70, 97.587, 134.953

Rectangle

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



41, 97.037, 321.498



41, 97.037, 11.498



41, 97.037, 141.498



41, 97.037, 191.498

Sweetspot

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



41, 97.036, 321.498



81, 45.820, 320.862



28, 98.815, 303.076



40, 31.256, 321.047



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



41, 97.036, 321.498



53, 117.441, 321.402



44, 75.442, 346.244



39, 7.001, 319.902



33, 84.043, 321.586



4, 24.717, 319.468

Inverse Universe

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



41, 78.199, 31.410



53, 95.399, 32.262



70, 86.815, 141.564



39, 4.389, 5.828



34, 67.238, 30.601



3, 16.121, 10.322

Previews

White Background



This preview shows how the CIELCh color 41, 97.037, 321.498 looks on a white background.

Color Contrast Check

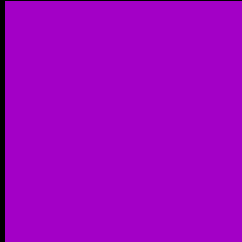
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 97.037, 321.498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

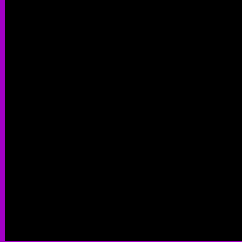
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 97.037, 321.498

Background



This preview shows how black text looks on a background with the CIELCh color 41, 97.037, 321.498.



This preview shows how white text looks on a background with the CIELCh color 41, 97.037, 321.498.

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

41, 97.037, 321.498

Protanopia

42, 63.487, 286.463

Deuteranopia

42, 47.434, 276.047



Tritanopia
42, 31.082, 18.957

Trichromacy



Original Color
41, 97.037, 321.498

Protanomaly
35, 84.507, 301.467

Deuteranomaly
34, 74.391, 300.019

Tritanomaly
39, 54.725, 338.395

Monochromacy



Original Color
41, 97.037, 321.498

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 48.436, 321.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 97.037, 321.498 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(163, 0, 198)` looks like.

```
.text, #text, p{  
    color:rgb(163, 0, 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(163, 0, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 97.037, 321.498 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(163, 0, 198) }
```

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

```
.border{ border-color:rgb(163, 0, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 0, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 198);  
box-shadow:4px 4px 4px 4px rgb(163, 0,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 97.037, 321.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 0, 198) }
```

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

```
.background{ background-color: rgb(163, 0,  
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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