

Converting Colors

CIELCh(41, 99.912, 319.852)

Have a look what the booklet for
CIELCh(41, 99.912, 319.852)
contains.

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Color

CIELCh(41, 99.952, 319.763)

Conversions

Conversions Part 1

Format	Color
Hex	9F03CD
RGB	159, 3, 205
RGB Percent	62%, 1%, 80%
CMY	0.3761, 0.9871, 0.1957
CMYK	0.22, 0.98, 0.00, 0.20
HSL	286°, 97%, 41%
HSV	286°, 98%, 80%
XYZ	25.3840, 11.8645, 58.7696
YIQ	72.6720, 28.1340, 95.8940

Conversions

Conversions Part 2

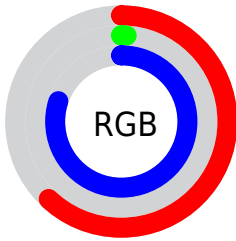
Format	Color
R_{YB}	159, 3, 205
Decimal	10421197
CIE _{Lab}	41.00, 76.30, -64.56
CIE _{LCh}	41, 99.952, 319.763
Yxy	11.8645, 0.2644, 0.1236
Android (android.graphics.Color)	4288611277 (0xFF9F03CD)
YUV	72.6720, 65.2377, 75.7097
Hunter-Lab	34.4449, 71.2657, -77.0486

Details

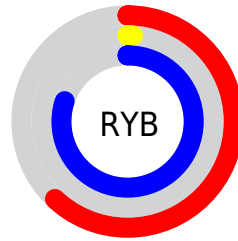
The CIELCh color **41, 99.952, 319.763** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **72, 98.927, 134.313**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 96.403, 320.778**, and **27, 80.931, 316.697** is the 20% darker color. If you saturate the color by 10%, you get **41, 100.392, 319.682**, and if you desaturate by 10%, it is **43, 96.682, 320.232**.

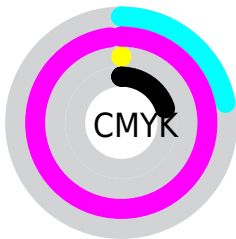
Distribution



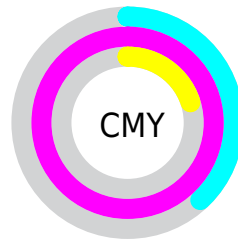
- Red (62%)
- Green (1%)
- Blue (80%)



- Red (62%)
- Yellow (1%)
- Blue (80%)



- Cyan (22%)
- Magenta (98%)
- Yellow (0%)
- Black (20%)





- Cyan (38%)
- Magenta (99%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 99.952, 319.763 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, 99.952, 319.763 by changing the saturation by 10% instead.


 41, 99.952,
319.763


 41, 99.952,
319.763


 100, 99.952,
319.763


 31, 99.952,
319.763

 61, 99.952,
319.763


 21, 99.952,
319.763

 71, 99.952,
319.763

 11, 99.952,
319.763


 81, 99.952,
319.763

 1, 99.952, 319.763

 91, 99.952,
319.763

 0, 99.952, 319.763

 41, 99.952,

 41, 99.952,

319.763

319.763

■ 41, 100.392,
319.682

■ 43, 96.682,
320.232

■ 45, 90.878,
320.461

■ 48, 82.613,
320.466

■ 52, 72.417,
320.296

■ 57, 60.896,
320.001

■ 62, 48.585,
319.626

■ 67, 35.898,
319.204

■ 72, 23.128,
318.762

■ 78, 10.466,
318.311

Harmonies

Complementary

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



41, 99.952, 319.763



72, 98.927, 134.313

Rectangle

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



41, 99.952, 319.763



41, 99.952, 9.763



41, 99.952, 139.763



41, 99.952, 189.763

Sweetspot

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



41, 99.951, 319.763



80, 45.287, 319.290



31, 94.722, 301.055



40, 30.916, 319.472



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, 99.951, 319.763



51, 118.356, 319.583



46, 79.893, 342.370



40, 7.048, 318.357



33, 85.645, 319.800



4, 26.667, 318.169

Inverse Universe

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



43, 76.908, 26.897



54, 92.175, 28.490



72, 91.546, 140.307



40, 4.564, 1.967



34, 65.870, 26.783



4, 18.295, 8.330

Previews

White Background



This preview shows how the CIELCh color 41, 99.952, 319.763 looks on a white background.

Color Contrast Check

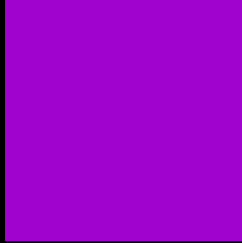
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.952, 319.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

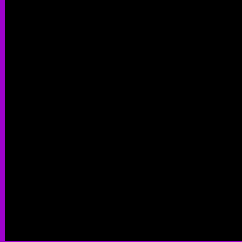
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 99.952, 319.763

Background



This preview shows how black text looks on a background with the CIELCh color 41, 99.952, 319.763.



This preview shows how white text looks on a background with the CIELCh color 41, 99.952, 319.763.

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, 99.952, 319.763

Protanopia

42, 63.556, 286.684

Deuteranopia

42, 46.382, 275.175



Tritanopia
41, 27.349, 16.288

Trichromacy



Original Color
41, 99.952, 319.763



Protanomaly
35, 85.008, 301.238



Deuteranomaly
34, 74.335, 299.682



Tritanomaly
38, 54.465, 334.761

Monochromacy



Original Color
41, 99.952, 319.763



Achromatopsia
31, 0.005, 296.813



Achromatomaly
30, 48.666, 320.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 99.952, 319.763 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(159, 3, 205)` looks like.

```
.text, #text, p{  
    color:rgb(159, 3, 205)  
}
```

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(159, 3, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 3, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 99.952, 319.763 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(159, 3, 205) }
```

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

```
.border{ border-color:rgb(159, 3, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 3, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 3, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 3, 205);  
box-shadow:4px 4px 4px 4px rgb(159, 3,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 99.952, 319.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 3, 205) }
```

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

```
.background{ background-color: rgb(159, 3,  
205) }
```

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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