

Converting Colors

CIELCh(41, 101.948, 315.446)

Have a look what the booklet for
CIELCh(41, 101.948, 315.446)
contains.

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Color

CIELCh(41, 102.074, 315.411)

Conversions

Conversions Part 1

Format	Color
Hex	901DD9
RGB	144, 29, 217
RGB Percent	56%, 11%, 85%
CMY	0.4344, 0.8850, 0.1482
CMYK	0.34, 0.87, 0.00, 0.15
HSL	277°, 76%, 48%
HSV	277°, 87%, 85%
XYZ	24.5401, 11.8645, 66.7893
YIQ	84.8170, 8.1920, 82.8480

Conversions

Conversions Part 2

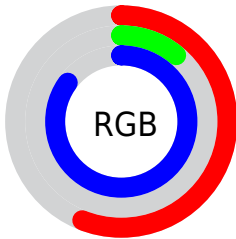
Format	Color
RYB	144, 29, 217
Decimal	9444825
CIELab	41.00, 72.69, -71.66
CIELCh	41, 102.074, 315.411
Yxy	11.8645, 0.2378, 0.1150
Android (android.graphics.Color)	4287634905 (0xFF901DD9)
YUV	84.8170, 65.1662, 51.9035
Hunter-Lab	34.4449, 66.8929, -90.8529

Details

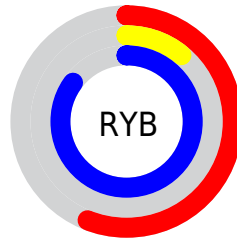
The CIELCh color **41, 102.074, 315.411** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **78, 94.477, 130.274**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 92.362, 317.733**, and **25, 87.965, 312.521** is the 20% darker color. If you saturate the color by 10%, you get **39, 106.791, 314.847**, and if you desaturate by 10%, it is **44, 94.412, 315.624**.

Distribution



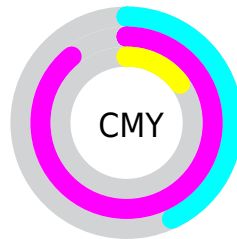
- Red (56%)
- Green (11%)
- Blue (85%)



- Red (56%)
- Yellow (11%)
- Blue (85%)



- Cyan (34%)
- Magenta (87%)
- Yellow (0%)
- Black (15%)





- Cyan (43%)
- Magenta (89%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 102.074, 315.411 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, 102.074, 315.411 by changing the saturation by 10% instead.


 41, 102.074,
315.411


 41, 102.074,
315.411


 100, 102.074,
315.411


 31, 102.074,
315.411


 61, 102.074,
315.411


 21, 102.074,
315.411


 71, 102.074,
315.411


 11, 102.074,
315.411


 81, 102.074,
315.411

 1, 102.074,
315.411

 91, 102.074,
315.411

 0, 102.074,
315.411

 41, 102.074,

 41, 102.074,

315.411

■ 39, 106.791,
314.847

■ 38, 108.051,
314.613

315.411

■ 44, 94.412,
315.624

■ 49, 84.360,
315.557

■ 54, 72.682,
315.298

■ 59, 60.064,
314.921

■ 65, 47.019,
314.483

■ 71, 33.887,
314.023

■ 77, 20.885,
313.565

■ 83, 8.134, 313.117

Harmonies

Complementary

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



41, 102.074, 315.411



78, 94.477, 130.274

Rectangle

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



41, 102.074, 315.411



41, 102.074, 5.411



41, 102.074, 135.411



41, 102.074, 185.411

Sweetspot

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



41, 102.074, 315.411



82, 37.852, 314.011



46, 66.954, 287.521



41, 25.737, 314.172



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, 102.074, 315.411



45, 122.048, 314.515



52, 92.145, 332.064



43, 7.179, 313.248



30, 91.223, 314.778



4, 32.120, 313.878

Inverse Universe

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



48, 71.640, 6.888



54, 85.241, 13.959



76, 98.176, 138.195



43, 5.253, 350.942



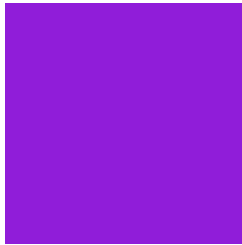
37, 63.620, 12.517



6, 24.233, 1.918

Previews

White Background



This preview shows how the CIELCh color 41, 102.074, 315.411 looks on a white background.

Color Contrast Check

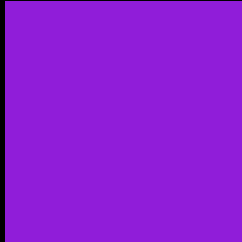
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 102.074, 315.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

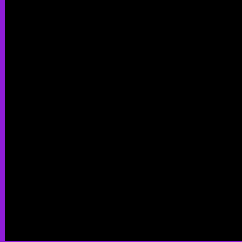
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 102.074, 315.411

Background



This preview shows how black text looks on a background with the CIELCh color 41, 102.074, 315.411.

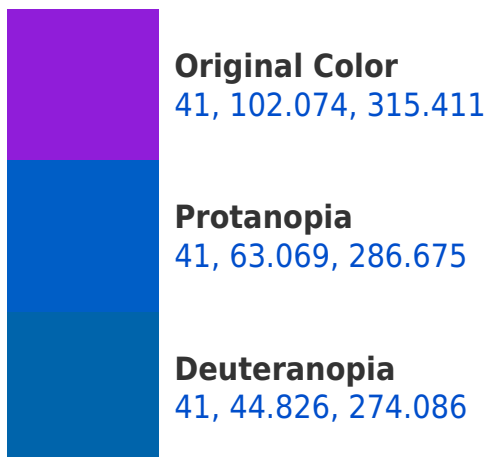


This preview shows how white text looks on a background with the CIELCh color 41, 102.074, 315.411.

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





Tritanopia
41, 15.242, 5.678

Trichromacy



Original Color
41, 102.074, 315.411

Protanomaly
37, 81.820, 298.982

Deuteranomaly
36, 69.741, 296.425

Tritanomaly
39, 48.096, 323.246

Monochromacy



Original Color
41, 102.074, 315.411

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 44.281, 315.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 102.074, 315.411 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(144, 29, 217)` looks like.

```
.text, #text, p{  
  color:rgb(144, 29, 217)  
}
```

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(144, 29, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 29, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 102.074, 315.411 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(144, 29, 217) }
```

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

```
.border{ border-color:rgb(144, 29, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 29, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 29, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 29, 217);  
box-shadow:4px 4px 4px 4px rgb(144, 29,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 102.074, 315.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 29, 217) }
```

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

```
.background{ background-color: rgb(144, 29,  
217) }
```

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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