

Converting Colors

CIELCh(41, 115.650, 314.373)

Have a look what the booklet for
CIELCh(41, 115.650, 314.373)
contains.

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Color

CIELCh(41, 115.200, 314.403)

Conversions

Conversions Part 1

Format	Color
Hex	8F00EC
RGB	143, 0, 236
RGB Percent	56%, 0%, 93%
CMY	0.4398, 1.0000, 0.0751
CMYK	0.39, 1.00, 0.00, 0.08
HSL	276°, 100%, 46%
HSV	276°, 100%, 92%
XYZ	26.4156, 11.8645, 80.1440
YIQ	69.6610, 9.4720, 103.7120

Conversions

Conversions Part 2

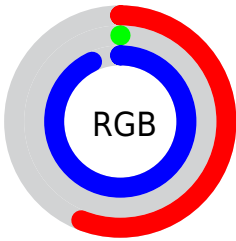
Format	Color
RYB	143, 0, 236
Decimal	9371884
CIELab	41.00, 80.61, -82.30
CIELCh	41, 115.200, 314.403
Yxy	11.8645, 0.2231, 0.1002
Android (android.graphics.Color)	4287561964 (0xFF8F00EC)
YUV	69.6610, 82.0051, 64.3183
Hunter-Lab	34.4449, 76.6119, -113.8403

Details

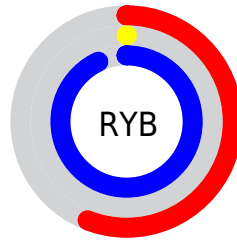
The CIELCh color **41, 115.200, 314.403** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark washed purple. A complement of this color would be **83, 106.470, 131.343**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 96.672, 318.288**, and **27, 96.744, 310.784** is the 20% darker color. If you saturate the color by 10%, you get **41, 115.152, 314.396**, and if you desaturate by 10%, it is **43, 111.066, 315.069**.

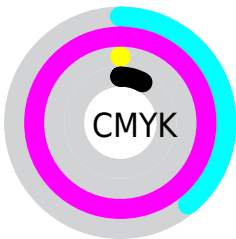
Distribution



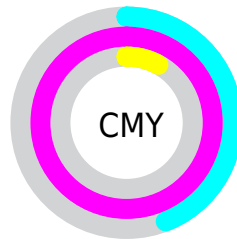
- Red (56%)
- Green (0%)
- Blue (93%)



- Red (56%)
- Yellow (0%)
- Blue (93%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (8%)





- Cyan (44%)
- Magenta (100%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 115.200, 314.403 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, 115.200, 314.403 by changing the saturation by 10% instead.


 41, 115.200,
314.403


 41, 115.200,
314.403


 100, 115.200,
314.403


 31, 115.200,
314.403


 61, 115.200,
314.403


 21, 115.200,
314.403


 71, 115.200,
314.403


 11, 115.200,
314.403


 81, 115.200,
314.403

 1, 115.200,
314.403

 91, 115.200,
314.403


 0, 115.200,
314.403


 41, 115.200,


 41, 115.200,


314.403


314.403

 41, 115.152,
314.396


 43, 111.066,
315.069

 47, 104.020,
315.412


 51, 94.120,
315.438

 56, 82.168,
315.236

 62, 68.961,
314.889

 68, 55.125,
314.462

 74, 41.090,
314.000

 80, 27.130,
313.535

■ 87, 13.407,
313.081

Harmonies

Complementary

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



41, 115.200, 314.403



83, 106.470, 131.343

Rectangle

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



41, 115.200, 314.403



41, 115.200, 4.403



41, 115.200, 134.403



41, 115.200, 184.403

Sweetspot

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



41, 115.152, 314.396



79, 43.779, 314.006



44, 83.752, 293.060



39, 29.961, 314.204



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, 115.152, 314.396



44, 122.201, 314.350



55, 100.599, 332.738



46, 7.579, 313.057



31, 94.329, 314.581



5, 38.173, 315.181

Inverse Universe

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



50, 80.187, 13.129



54, 85.117, 13.380



82, 110.911, 136.751



46, 5.572, 350.580



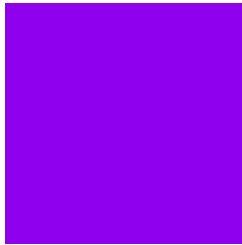
38, 65.637, 12.134



7, 27.940, 3.266

Previews

White Background



This preview shows how the CIE LCh color 41, 115.200, 314.403 looks on a white background.

Color Contrast Check

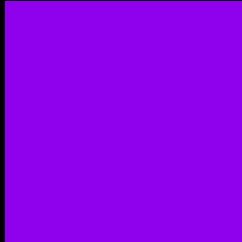
Large Text (above 18pt) WCAG AA ✓ Pass

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, 115.200, 314.403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

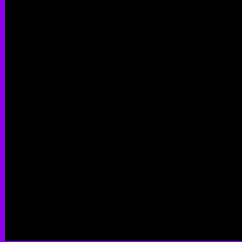
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 115.200, 314.403

Background



This preview shows how black text looks on a background with the CIELCh color 41, 115.200, 314.403.



This preview shows how white text looks on a background with the CIELCh color 41, 115.200, 314.403.

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, 115.200, 314.403

Protanopia

42, 63.556, 286.684

Deuteranopia

42, 44.817, 273.791



Tritanopia
41, 10.232, 356.526

Trichromacy



Original Color
41, 115.200, 314.403

Protanomaly
36, 92.243, 301.608

Deuteranomaly
35, 80.119, 299.824

Tritanomaly
37, 57.433, 318.763

Monochromacy



Original Color
41, 115.200, 314.403

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 54.908, 315.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 115.200, 314.403 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(143, 0, 236)` looks like.

```
.text, #text, p{  
  color:rgb(143, 0, 236)  
}
```

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(143, 0, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 0, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 115.200, 314.403 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(143, 0, 236) }
```

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

```
.border{ border-color:rgb(143, 0, 236) }
```

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

Here you see how a box with a 4 pixel rgb(143, 0, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 0, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 0, 236);  
box-shadow:4px 4px 4px 4px rgb(143, 0,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 115.200, 314.403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 0, 236) }
```

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

```
.background{ background-color: rgb(143, 0,  
236) }
```

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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