

Converting Colors

CIELCh(43, 120.871, 313.752)

Have a look what the booklet for
CIELCh(43, 120.871, 313.752)
contains.

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Color

CIELCh(43, 121.044, 313.779)

Conversions

Conversions Part 1

Format	Color
Hex	9301FB
RGB	147, 1, 251
RGB Percent	58%, 0%, 98%
CMY	0.4245, 0.9950, 0.0166
CMYK	0.41, 0.99, 0.00, 0.02
HSL	275°, 99%, 49%
HSV	275°, 99%, 98%
XYZ	29.3767, 13.1578, 92.0618
YIQ	73.1540, 6.7660, 108.7020

Conversions

Conversions Part 2

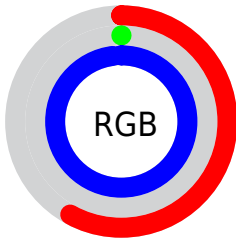
Format	Color
R_{YB}	147, 1, 251
Decimal	9634299
CIE _{Lab}	43.00, 83.75, -87.40
CIE _{LCh}	43, 121.044, 313.779
Yxy	13.1578, 0.2183, 0.0978
Android (android.graphics.Color)	4287824379 (0xFF9301FB)
YUV	73.1540, 87.6781, 64.7629
Hunter-Lab	36.2736, 81.0816, -125.0854

Details

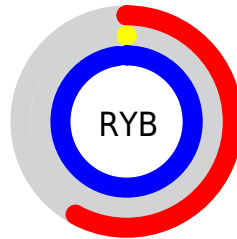
The CIELCh color **43, 121.044, 313.779** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **88, 110.686, 130.765**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 95.800, 319.080**, and **28, 102.855, 310.292** is the 20% darker color. If you saturate the color by 10%, you get **43, 121.236, 313.743**, and if you desaturate by 10%, it is **45, 116.644, 314.462**.

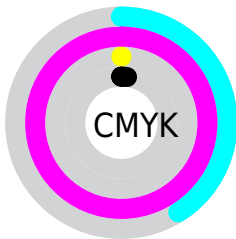
Distribution



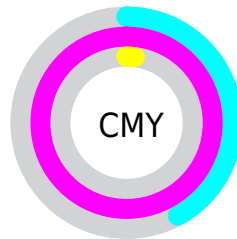
- Red (58%)
- Green (0%)
- Blue (98%)



- Red (58%)
- Yellow (0%)
- Blue (98%)



- Cyan (41%)
- Magenta (99%)
- Yellow (0%)
- Black (2%)





- Cyan (42%)
- Magenta (100%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 121.044, 313.779 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 43, 121.044, 313.779 by changing the saturation by 10% instead.


 43, 121.044,
313.779


 43, 121.044,
313.779


 100, 121.044,
313.779


 33, 121.044,
313.779


 63, 121.044,
313.779


 23, 121.044,
313.779


 73, 121.044,
313.779


 13, 121.044,
313.779

 83, 121.044,
313.779

 3, 121.044,
313.779

 93, 121.044,
313.779

 0, 121.044,
313.779

 43, 121.044,

 43, 121.044,

313.779

313.779

■ 43, 121.236,
313.743

■ 45, 116.644,
314.462

■ 49, 108.975,
314.783

■ 54, 98.322,
314.780

■ 59, 85.574,
314.548

■ 65, 71.583,
314.174

■ 72, 56.999,
313.725

■ 78, 42.261,
313.247

■ 85, 27.640,
312.770

■ 92, 13.294,
312.309

Harmonies

Complementary

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



43, 121.044, 313.779



88, 110.686, 130.765

Rectangle

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



43, 121.044, 313.779



43, 121.044, 3.779



43, 121.044, 133.779



43, 121.044, 183.779

Sweetspot

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



43, 121.044, 313.780



79, 43.602, 313.273



49, 82.356, 290.567



39, 29.849, 313.476



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 121.044, 313.780



44, 122.796, 313.733



58, 108.129, 331.117



48, 7.941, 312.309



32, 97.762, 313.935



6, 43.238, 315.111

Inverse Universe

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



54, 83.541, 10.845



54, 84.733, 11.151



86, 116.999, 136.436



49, 5.950, 349.195



40, 67.468, 10.111



10, 30.531, 2.990

Previews

White Background



This preview shows how the CIELCh color 43, 121.044, 313.779 looks on a white background.

Color Contrast Check

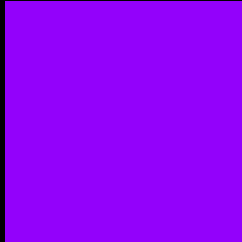
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 121.044, 313.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

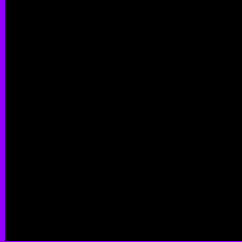
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 121.044, 313.779

Background



This preview shows how black text looks on a background with the CIELCh color 43, 121.044, 313.779.



This preview shows how white text looks on a background with the CIELCh color 43, 121.044, 313.779.

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

43, 121.150, 313.795

Protanopia

44, 66.048, 286.935

Deuteranopia

44, 45.812, 273.289



Tritanopia
43, 8.245, 349.961

Trichromacy



Original Color
43, 121.150, 313.795

Protanomaly
37, 96.208, 301.565

Deuteranomaly
37, 83.057, 299.562

Tritanomaly
39, 59.770, 317.267

Monochromacy



Original Color
43, 121.150, 313.795

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 58.057, 314.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 121.044, 313.779 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(147, 1, 251)` looks like.

```
.text, #text, p{  
    color:rgb(147, 1, 251)  
}
```

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(147, 1, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 1, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 121.044, 313.779 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(147, 1, 251) }
```

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

```
.border{ border-color:rgb(147, 1, 251) }
```

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

Here you see how a box with a 4 pixel rgb(147, 1, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 1, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 1, 251);  
box-shadow:4px 4px 4px 4px rgb(147, 1,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 121.044, 313.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 1, 251) }
```

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

```
.background{ background-color: rgb(147, 1,  
251) }
```

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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