

Converting Colors

CIELCh(43, 122.220, 313.336)

Have a look what the booklet for
CIELCh(43, 122.220, 313.336)
contains.

CIELCh(43, 122.109, 313.320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(43, 122.109, 313.320)

Conversions

Conversions Part 1

Format	Color
Hex	9004FD
RGB	144, 4, 253
RGB Percent	56%, 2%, 99%
CMY	0.4340, 0.9845, 0.0066
CMYK	0.43, 0.98, 0.00, 0.01
HSL	274°, 99%, 50%
HSV	274°, 98%, 99%
XYZ	29.3839, 13.1578, 94.1852
YIQ	74.2460, 3.5110, 107.1190

Conversions

Conversions Part 2

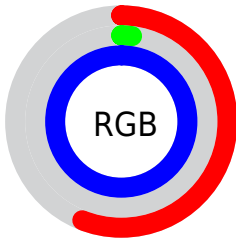
Format	Color
R_{YB}	144, 4, 253
Decimal	9438461
CIE _{Lab}	43.00, 83.78, -88.84
CIE _{LCh}	43, 122.109, 313.320
Yxy	13.1578, 0.2149, 0.0962
Android (android.graphics.Color)	4287628541 (0xFF9004FD)
YUV	74.2460, 88.1257, 61.1743
Hunter-Lab	36.2736, 81.1174, -128.5560

Details

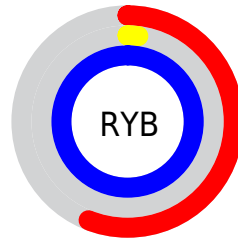
The CIELCh color **43, 122.109, 313.320** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **89, 110.514, 130.110**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 95.774, 318.716**, and **28, 104.188, 309.827** is the 20% darker color. If you saturate the color by 10%, you get **43, 122.713, 313.208**, and if you desaturate by 10%, it is **46, 117.303, 313.974**.

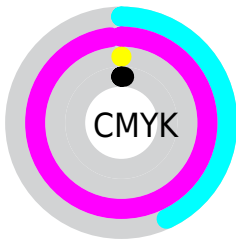
Distribution



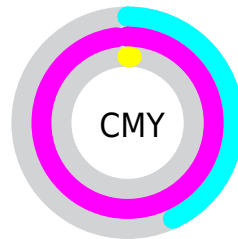
- Red (56%)
- Green (2%)
- Blue (99%)



- Red (56%)
- Yellow (2%)
- Blue (99%)



- Cyan (43%)
- Magenta (98%)
- Yellow (0%)
- Black (1%)





- Cyan (43%)
- Magenta (98%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 122.109, 313.320 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, 122.109, 313.320 by changing the saturation by 10% instead.


 43, 122.109,
313.320


 43, 122.109,
313.320


 100, 122.109,
313.320


 33, 122.109,
313.320


 63, 122.109,
313.320


 23, 122.109,
313.320


 73, 122.109,
313.320


 13, 122.109,
313.320


 83, 122.109,
313.320

 3, 122.109,
313.320

 93, 122.109,
313.320


 0, 122.109,
313.320


 43, 122.109,


 43, 122.109,

313.320


313.320


 43, 122.713,
313.208


 46, 117.303,
313.974


 49, 109.063,
314.241


 54, 97.906,
314.186

 60, 84.770,
313.911

 66, 70.509,
313.505

 73, 55.751,
313.032

 79, 40.907,
312.539

 86, 26.227,
312.053

■ 93, 11.852,
311.586

Harmonies

Complementary

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



43, 122.109, 313.320



89, 110.514, 130.110

Rectangle

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



43, 122.109, 313.320



43, 122.109, 3.320



43, 122.109, 133.320



43, 122.109, 183.320

Sweetspot

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



43, 122.109, 313.321



79, 43.449, 312.617



51, 79.542, 288.831



39, 29.754, 312.825



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, 122.109, 313.321



43, 123.334, 313.204



59, 110.289, 330.330



49, 8.038, 311.635



32, 99.177, 313.398



7, 44.787, 314.628

Inverse Universe

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



54, 83.798, 8.378



54, 84.520, 9.157



87, 118.013, 136.351



50, 6.126, 347.990



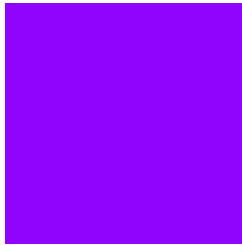
41, 68.028, 8.203



10, 31.421, 1.667

Previews

White Background



This preview shows how the CIELCh color 43, 122.109, 313.320 looks on a white background.

Color Contrast Check

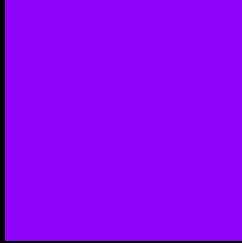
Large Text (above 18pt) WCAG AA ✓ Pass

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, 122.109, 313.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

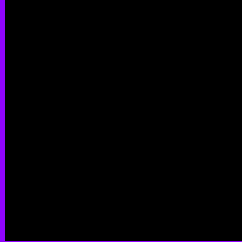
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 122.109, 313.320

Background



This preview shows how black text looks on a background with the CIELCh color 43, 122.109, 313.320.



This preview shows how white text looks on a background with the CIELCh color 43, 122.109, 313.320.

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, 122.003, 313.304

Protanopia

43, 65.496, 286.716

Deuteranopia

43, 46.334, 274.035



Tritanopia
43, 6.919, 336.356

Trichromacy



Original Color
43, 122.003, 313.304

Protanomaly
37, 95.653, 301.315

Deuteranomaly
37, 83.626, 299.535

Tritanomaly
39, 60.056, 315.460

Monochromacy



Original Color
43, 122.003, 313.304

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 57.414, 314.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 122.109, 313.320 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, 4, 253)` looks like.

```
.text, #text, p{  
    color:rgb(144, 4, 253)  
}
```

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, 4, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 4, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 122.109, 313.320 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, 4, 253) }
```

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

```
.border{ border-color:rgb(144, 4, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 4, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 4, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 4, 253);  
box-shadow:4px 4px 4px 4px rgb(144, 4,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 122.109, 313.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 4, 253) }
```

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

```
.background{ background-color: rgb(144, 4,  
253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor