

Converting Colors

CIELCh(43, 122.666, 313.016)

Have a look what the booklet for
CIELCh(43, 122.666, 313.016)
contains.

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Color

CIELCh(43, 122.755, 313.048)

Conversions

Conversions Part 1

Format	Color
Hex	8F06FF
RGB	143, 6, 255
RGB Percent	56%, 2%, 100%
CMY	0.4398, 0.9782, 0.0006
CMYK	0.44, 0.98, 0.00, 0.00
HSL	273°, 100%, 51%
HSV	273°, 98%, 100%
XYZ	29.3887, 13.1578, 95.4792
YIQ	75.3490, 1.7230, 106.4830

Conversions

Conversions Part 2

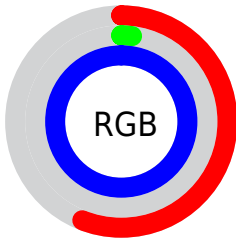
Format	Color
R_{YB}	143, 6, 255
Decimal	9373439
CIE _{Lab}	43.00, 83.79, -89.71
CIE _{LCh}	43, 122.755, 313.048
Yxy	13.1578, 0.2129, 0.0953
Android (android.graphics.Color)	4287563519 (0xFF8F06FF)
YUV	75.3490, 88.5679, 59.3299
Hunter-Lab	36.2736, 81.1408, -130.6712

Details

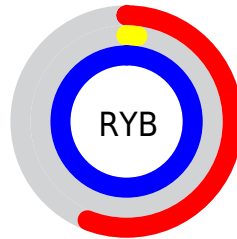
The CIELCh color **43, 122.755, 313.048** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **90, 110.395, 129.690**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 95.294, 318.476**, and **28, 105.187, 309.659** is the 20% darker color. If you saturate the color by 10%, you get **42, 123.614, 312.890**, and if you desaturate by 10%, it is **46, 117.676, 313.678**.

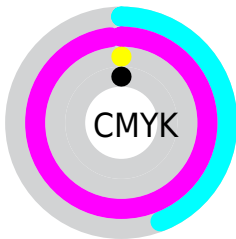
Distribution



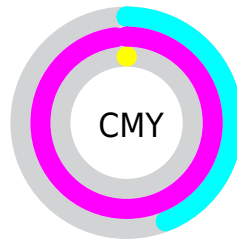
- Red (56%)
- Green (2%)
- Blue (100%)



- Red (56%)
- Yellow (2%)
- Blue (100%)



- Cyan (44%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)




- Cyan (44%)
- Magenta (98%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 122.755, 313.048 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, 122.755, 313.048 by changing the saturation by 10% instead.

 43, 122.755,
313.048


 43, 122.755,
313.048


 100, 122.755,
313.048

 33, 122.755,
313.048


 63, 122.755,
313.048


 23, 122.755,
313.048


 73, 122.755,
313.048


 13, 122.755,
313.048


 83, 122.755,
313.048

 3, 122.755,
313.048

 93, 122.755,
313.048

 0, 122.755,
313.048

 43, 122.755,

 43, 122.755,

313.048

313.048

■ 42, 123.614,
312.890

■ 46, 117.676,
313.678

■ 50, 109.090,
313.910

■ 55, 97.634,
313.823

■ 60, 84.272,
313.521

■ 67, 69.855,
313.094

■ 73, 54.996,
312.607

■ 80, 40.093,
312.104

■ 87, 25.380,
311.612

94, 10.989,
311.142

Harmonies

Complementary

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



43, 122.755, 313.048



90, 110.395, 129.690

Rectangle

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



43, 122.755, 313.048



43, 122.755, 3.048



43, 122.755, 133.048



43, 122.755, 183.048

Sweetspot

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



43, 122.755, 313.049



79, 41.871, 312.164



52, 79.395, 288.584



39, 28.848, 312.378



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, 122.755, 313.049



43, 123.666, 312.890



60, 110.720, 330.315



49, 8.016, 311.220



31, 99.439, 313.085



7, 44.818, 314.284

Inverse Universe

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



55, 84.044, 6.893



55, 84.449, 7.937



88, 118.402, 136.378



50, 6.174, 347.267



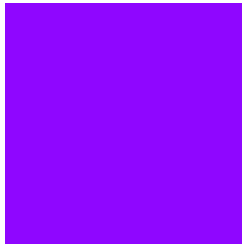
41, 67.999, 7.004



10, 31.485, 0.642

Previews

White Background



This preview shows how the CIE LCh color 43, 122.755, 313.048 looks on a white background.

Color Contrast Check

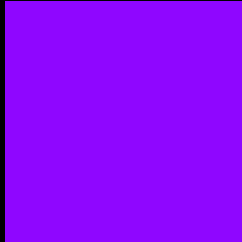
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 122.755, 313.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

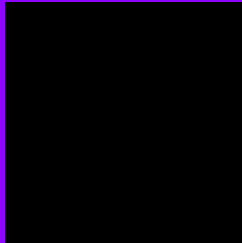
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 122.755, 313.048

Background



This preview shows how black text looks on a background with the CIELCh color 43, 122.755, 313.048.



This preview shows how white text looks on a background with the CIELCh color 43, 122.755, 313.048.

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

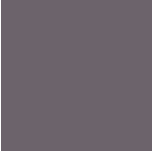
43, 122.755, 313.048

Protanopia

43, 65.496, 286.716

Deuteranopia

43, 45.819, 273.574



Tritanopia
43, 6.095, 328.038

Trichromacy



Original Color
43, 122.755, 313.048



Protanomaly
38, 95.588, 301.171



Deuteranomaly
37, 82.999, 299.295



Tritanomaly
39, 59.913, 314.504

Monochromacy



Original Color
43, 122.755, 313.048



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 57.355, 313.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 122.755, 313.048 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, 6, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 6, 255)  
}
```

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, 6, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 6, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 122.755, 313.048 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, 6, 255) }
```

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

```
.border{ border-color:rgb(143, 6, 255) }
```

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

Here you see how a box with a 4 pixel rgb(143, 6, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 6, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 6, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 6,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 122.755, 313.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 6, 255) }
```

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

```
.background{ background-color: rgb(143, 6,  
255) }
```

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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