

Converting Colors

CIELCh(39, 112.758, 313.956)

Have a look what the booklet for
CIELCh(39, 112.758, 313.956)
contains.

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Color

CIELCh(39, 112.659, 313.926)

Conversions

Conversions Part 1

Format	Color
Hex	8600E4
RGB	134, 0, 228
RGB Percent	53%, 0%, 89%
CMY	0.4747, 1.0000, 0.1061
CMYK	0.41, 1.00, 0.00, 0.11
HSL	275°, 100%, 45%
HSV	275°, 100%, 89%
XYZ	23.8169, 10.6589, 74.1611
YIQ	66.0580, 6.6760, 99.3160

Conversions

Conversions Part 2

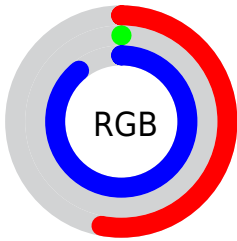
Format	Color
RYB	134, 0, 228
Decimal	8782052
CIELab	39.00, 78.15, -81.14
CIElCh	39, 112.659, 313.926
Yxy	10.6589, 0.2192, 0.0981
Android (android.graphics.Color)	4286972132 (0xFF8600E4)
YUV	66.0580, 79.8374, 59.5851
Hunter-Lab	32.6480, 73.0825, -111.8256

Details

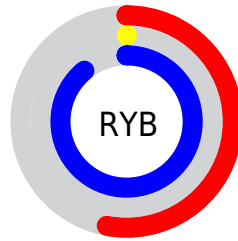
The CIELCh color **39, 112.659, 313.926** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **81, 103.199, 130.855**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **57, 98.036, 316.888**, and **24, 94.216, 310.097** is the 20% darker color. If you saturate the color by 10%, you get **39, 112.641, 313.924**, and if you desaturate by 10%, it is **41, 108.470, 314.582**.

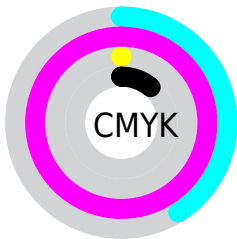
Distribution



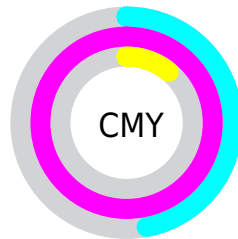
- Red (53%)
- Green (0%)
- Blue (89%)



- Red (53%)
- Yellow (0%)
- Blue (89%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)





- Cyan (47%)
- Magenta (100%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 112.659, 313.926 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 39, 112.659, 313.926 by changing the saturation by 10% instead.


 39, 112.659,
313.926


 39, 112.659,
313.926


 100, 112.659,
313.926


 29, 112.659,
313.926


 59, 112.659,
313.926


 19, 112.659,
313.926


 69, 112.659,
313.926

 9, 112.659,
313.926

 79, 112.659,
313.926

 0, 112.659,
313.926

 89, 112.659,
313.926

 99, 112.659,
313.926

■ 39, 112.659,
313.926

■ 39, 112.659,
313.926

■ 39, 112.641,
313.924

■ 41, 108.470,
314.582

■ 45, 101.426,
314.908

■ 49, 91.627,
314.913

■ 54, 79.879,
314.690

■ 59, 66.963,
314.325

■ 65, 53.479,
313.884

■ 71, 39.836,
313.412

■ 78, 26.289,

312.939

■ 84, 12.987,
312.481

Harmonies

Complementary

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



39, 112.659, 313.926



81, 103.199, 130.855

Rectangle

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



39, 112.659, 313.926



39, 112.659, 3.926



39, 112.659, 133.926



39, 112.659, 183.926

Sweetspot

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



39, 112.641, 313.924



79, 43.637, 313.420



44, 79.029, 291.793



39, 29.871, 313.622



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



39, 112.641, 313.924



44, 122.676, 313.855



53, 99.365, 331.908



45, 7.412, 312.456



30, 93.685, 314.100



5, 36.153, 314.158

Inverse Universe

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



49, 77.857, 11.242



54, 84.798, 11.599



79, 108.493, 136.599



45, 5.533, 349.463



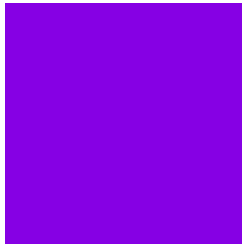
38, 64.756, 10.327



7, 26.969, 1.435

Previews

White Background



This preview shows how the CIELCh color 39, 112.659, 313.926 looks on a white background.

Color Contrast Check

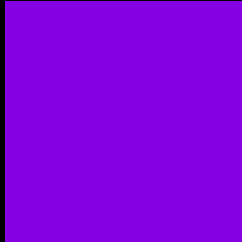
Large Text (above 18pt) WCAG AA ✓ Pass

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 39, 112.659, 313.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

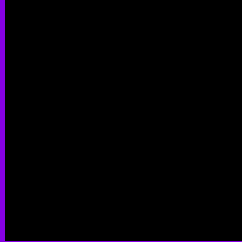
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 112.659, 313.926

Background



This preview shows how black text looks on a background with the CIELCh color 39, 112.659, 313.926.



This preview shows how white text looks on a background with the CIELCh color 39, 112.659, 313.926.

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

39, 112.659, 313.926

Protanopia

40, 61.110, 286.639

Deuteranopia

40, 42.775, 273.331



Tritanopia
40, 8.013, 348.430

Trichromacy



Original Color
39, 112.659, 313.926



Protanomaly
34, 89.356, 301.592



Deuteranomaly
33, 77.677, 299.780



Tritanomaly
35, 55.705, 317.400

Monochromacy



Original Color
39, 112.659, 313.926



Achromatopsia
28, 0.004, 296.813



Achromatomaly
28, 53.928, 314.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 112.659, 313.926 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(134, 0, 228)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 228)  
}
```

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(134, 0, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 112.659, 313.926 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(134, 0, 228) }
```

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

```
.border{ border-color:rgb(134, 0, 228) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 228);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 112.659, 313.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 228) }
```

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

```
.background{ background-color: rgb(134, 0,  
228) }
```

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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