

Converting Colors

CIELCh(44, 119.971, 312.366)

Have a look what the booklet for
CIELCh(44, 119.971, 312.366)
contains.

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Color

CIELCh(44, 119.503, 312.413)

Conversions

Conversions Part 1

Format	Color
Hex	8E1CFF
RGB	142, 28, 255
RGB Percent	56%, 11%, 100%
CMY	0.4425, 0.8892, 0.0000
CMYK	0.44, 0.89, 0.00, 0.00
HSL	270°, 100%, 56%
HSV	270°, 89%, 100%
XYZ	29.6811, 13.8382, 95.8483
YIQ	87.9640, -4.9230, 94.7650

Conversions

Conversions Part 2

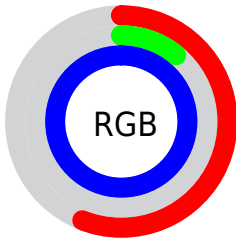
Format	Color
R_{YB}	142, 28, 255
Decimal	9313535
CIE _{Lab}	44.00, 80.60, -88.23
CIE _{LCh}	44, 119.503, 312.413
Yxy	13.8382, 0.2130, 0.0993
Android (android.graphics.Color)	4287503615 (0xFF8E1CFF)
YUV	87.9640, 82.3487, 47.3896
Hunter-Lab	37.1997, 77.3228, -126.7259

Details

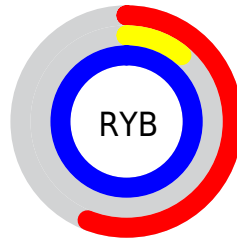
The CIELCh color **44, 119.503, 312.413** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **90, 105.052, 127.207**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **60, 91.864, 317.667**, and **28, 105.294, 309.571** is the 20% darker color. If you saturate the color by 10%, you get **41, 124.528, 311.802**, and if you desaturate by 10%, it is **48, 110.807, 312.632**.

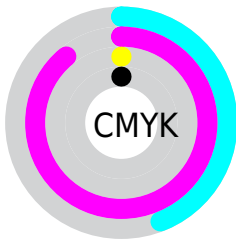
Distribution



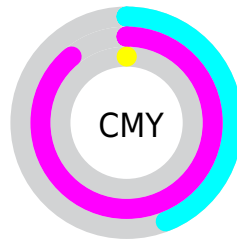
- Red (56%)
- Green (11%)
- Blue (100%)



- Red (56%)
- Yellow (11%)
- Blue (100%)



- Cyan (44%)
- Magenta (89%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (89%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 119.503, 312.413 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 44, 119.503, 312.413 by changing the saturation by 10% instead.


 44, 119.503,
312.413


 44, 119.503,
312.413


 100, 119.503,
312.413


 34, 119.503,
312.413


 64, 119.503,
312.413


 24, 119.503,
312.413


 74, 119.503,
312.413


 14, 119.503,
312.413


 84, 119.503,
312.413

 4, 119.503,
312.413

 94, 119.503,
312.413

 0, 119.503,
312.413

 44, 119.503,

 44, 119.503,

312.413

312.413

■ 41, 124.528,
311.802

■ 48, 110.807,
312.632

■ 41, 124.984,
311.730

■ 53, 99.227,
312.498

■ 59, 85.733,
312.138

■ 65, 71.223,
311.654

■ 72, 56.323,
311.115

■ 79, 41.428,
310.568

■ 86, 26.761,
310.040

■ 94, 12.445,
309.544

100, 0.012,
296.813

Harmonies

Complementary

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



44, 119.503, 312.413



90, 105.052, 127.207

Rectangle

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



44, 119.503, 312.413



44, 119.503, 2.413



44, 119.503, 132.413



44, 119.503, 182.413

Sweetspot

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



44, 119.433, 312.422



81, 38.582, 310.464



59, 65.477, 279.952



40, 26.103, 310.648



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 119.433, 312.422



41, 124.984, 311.730



61, 113.068, 328.158



49, 7.935, 309.572



30, 100.480, 311.926



6, 44.898, 312.945

Inverse Universe

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



56, 83.089, 358.653



55, 84.602, 3.182



88, 116.741, 136.406



50, 6.372, 344.542



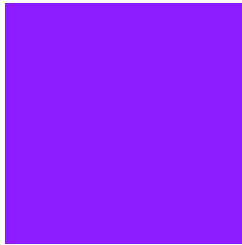
41, 68.222, 2.346



10, 31.846, 356.708

Previews

White Background



This preview shows how the CIELCh color 44, 119.503, 312.413 looks on a white background.

Color Contrast Check

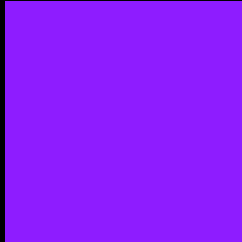
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 119.503, 312.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

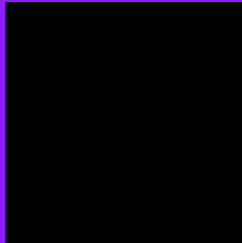
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 119.503, 312.413

Background



This preview shows how black text looks on a background with the CIELCh color 44, 119.503, 312.413.



This preview shows how white text looks on a background with the CIELCh color 44, 119.503, 312.413.

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


44, 119.503, 312.413

Protanopia

44, 65.911, 286.514

Deuteranopia

44, 46.318, 273.470



Tritanopia
44, 5.409, 317.563

Trichromacy



Original Color
44, 119.503, 312.413



Protanomaly
40, 90.607, 299.242



Deuteranomaly
39, 78.370, 297.104



Tritanomaly
41, 54.694, 312.104

Monochromacy



Original Color
44, 119.503, 312.413



Achromatopsia
37, 0.005, 296.813



Achromatomaly
36, 52.426, 312.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 119.503, 312.413 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(142, 28, 255)` looks like.

```
.text, #text, p{  
    color:rgb(142, 28, 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(142, 28, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 28, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 119.503, 312.413 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(142, 28, 255) }
```

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

```
.border{ border-color:rgb(142, 28, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 28, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 28, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 28, 255);  
box-shadow:4px 4px 4px 4px rgb(142, 28,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 119.503, 312.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 28, 255) }
```

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

```
.background{ background-color: rgb(142, 28,  
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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