

Converting Colors

CIELCh(44, 115.062, 312.900)

Have a look what the booklet for
CIELCh(44, 115.062, 312.900)
contains.

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Color

CIELCh(44, 115.010, 312.850)

Conversions

Conversions Part 1

Format	Color
Hex	9021F8
RGB	144, 33, 248
RGB Percent	56%, 13%, 97%
CMY	0.4345, 0.8696, 0.0267
CMYK	0.42, 0.87, 0.00, 0.03
HSL	271°, 94%, 55%
HSV	271°, 87%, 97%
XYZ	29.0594, 13.8382, 90.0997
YIQ	90.6990, -2.8590, 90.3970

Conversions

Conversions Part 2

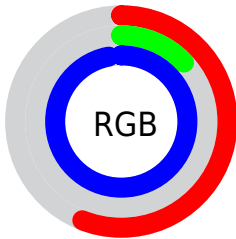
Format	Color
R_{YB}	144, 33, 248
Decimal	9445880
CIE _{Lab}	44.00, 78.22, -84.32
CIE _{LCh}	44, 115.010, 312.850
Yxy	13.8382, 0.2185, 0.1040
Android (android.graphics.Color)	4287635960 (0xFF9021F8)
YUV	90.6990, 77.5494, 46.7450
Hunter-Lab	37.1997, 74.3399, -117.5636

Details

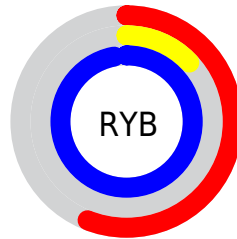
The CIELCh color **44, 115.010, 312.850** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **88, 101.994, 127.463**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 90.397, 317.848**, and **28, 101.728, 310.232** is the 20% darker color. If you saturate the color by 10%, you get **41, 120.657, 312.301**, and if you desaturate by 10%, it is **48, 105.892, 312.987**.

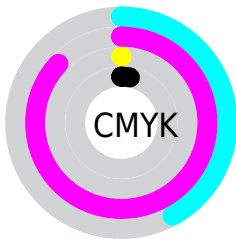
Distribution



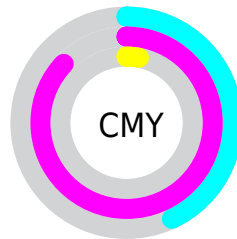
- Red (56%)
- Green (13%)
- Blue (97%)



- Red (56%)
- Yellow (13%)
- Blue (97%)



- Cyan (42%)
- Magenta (87%)
- Yellow (0%)
- Black (3%)





- Cyan (43%)
- Magenta (87%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 115.010, 312.850 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, 115.010, 312.850 by changing the saturation by 10% instead.


 44, 115.010,
312.850


 44, 115.010,
312.850


 100, 115.010,
312.850


 34, 115.010,
312.850


 64, 115.010,
312.850


 24, 115.010,
312.850


 74, 115.010,
312.850


 14, 115.010,
312.850


 84, 115.010,
312.850

 4, 115.010,
312.850

 94, 115.010,
312.850

 0, 115.010,
312.850

 44, 115.010,

 44, 115.010,

312.850

312.850

■ 41, 120.657,
312.301

■ 48, 105.892,
312.987

■ 40, 122.059,
312.064

■ 53, 94.119,
312.812

■ 59, 80.680,
312.438

■ 65, 66.386,
311.956

■ 72, 51.794,
311.428

■ 79, 37.249,
310.898

■ 86, 22.949,
310.387

■ 93, 8.999, 309.905

100, 3.587,
125.412

Harmonies

Complementary

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



44, 115.010, 312.850



88, 101.994, 127.463

Rectangle

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



44, 115.010, 312.850



44, 115.010, 2.850



44, 115.010, 132.850



44, 115.010, 182.850

Sweetspot

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



44, 115.010, 312.851



81, 37.194, 310.868



58, 62.416, 278.833



41, 25.314, 311.051



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, 115.010, 312.851



41, 124.608, 312.048



60, 109.828, 328.130



48, 7.826, 310.043



30, 99.176, 312.255



6, 43.255, 313.154

Inverse Universe

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



55, 80.470, 358.931



55, 84.489, 4.526



86, 113.242, 136.550



49, 6.211, 345.298



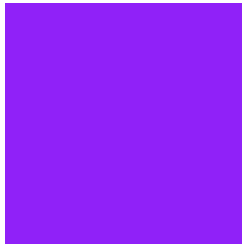
40, 67.430, 3.616



10, 30.922, 357.502

Previews

White Background



This preview shows how the CIE LCh color 44, 115.010, 312.850 looks on a white background.

Color Contrast Check

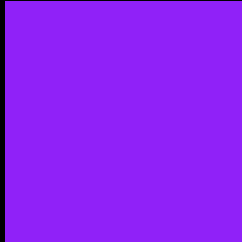
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 115.010, 312.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

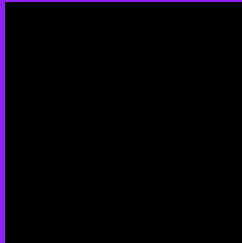
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 115.010, 312.850

Background



This preview shows how black text looks on a background with the CIELCh color 44, 115.010, 312.850.



This preview shows how white text looks on a background with the CIELCh color 44, 115.010, 312.850.

312.850.

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, 115.010, 312.850

Protanopia

44, 66.461, 286.732

Deuteranopia

44, 46.830, 273.925



Tritanopia
44, 7.210, 338.704

Trichromacy



Original Color
44, 115.010, 312.850

Protanomaly
40, 88.916, 298.892

Deuteranomaly
39, 75.970, 296.348

Tritanomaly
41, 52.095, 314.074

Monochromacy



Original Color
44, 115.010, 312.850

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 49.343, 312.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 115.010, 312.850 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, 33, 248)` looks like.

```
.text, #text, p{  
    color:rgb(144, 33, 248)  
}
```

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, 33, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 33, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 115.010, 312.850 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, 33, 248) }
```

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

```
.border{ border-color:rgb(144, 33, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 33, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 33, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 33, 248);  
box-shadow:4px 4px 4px 4px rgb(144, 33,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 115.010, 312.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 33, 248) }
```

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

```
.background{ background-color: rgb(144, 33,  
248) }
```

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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