

Converting Colors

CIELCh(43, 121.902, 312.501)

Have a look what the booklet for
CIELCh(43, 121.902, 312.501)
contains.

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Color

CIELCh(43, 121.739, 312.536)

Conversions

Conversions Part 1

Format	Color
Hex	8C11FF
RGB	140, 17, 255
RGB Percent	55%, 7%, 100%
CMY	0.4517, 0.9348, 0.0007
CMYK	0.45, 0.93, 0.00, 0.00
HSL	271°, 100%, 53%
HSV	271°, 93%, 100%
XYZ	29.0014, 13.1578, 95.4741
YIQ	80.9090, -3.0900, 100.0940

Conversions

Conversions Part 2

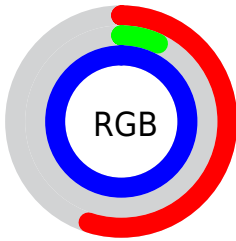
Format	Color
R _Y B	140, 17, 255
Decimal	9179647
CIE Lab	43.00, 82.30, -89.70
CIE LCh	43, 121.739, 312.536
Yxy	13.1578, 0.2107, 0.0956
Android (android.graphics.Color)	4287369727 (0xFF8C11FF)
YUV	80.9090, 85.8269, 51.8228
Hunter-Lab	36.2736, 79.2349, -130.6628

Details

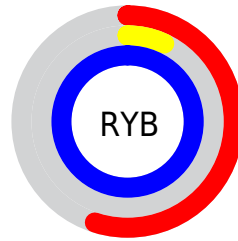
The CIELCh color **43, 121.739, 312.536** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **90, 107.638, 128.151**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 93.819, 317.742**, and **28, 105.611, 309.317** is the 20% darker color. If you saturate the color by 10%, you get **41, 124.515, 312.073**, and if you desaturate by 10%, it is **46, 114.868, 312.958**.

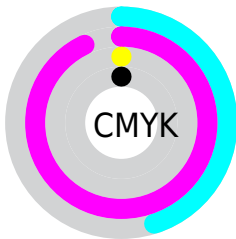
Distribution



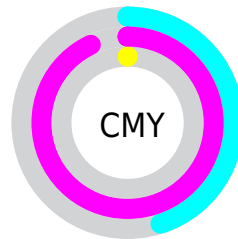
- Red (55%)
- Green (7%)
- Blue (100%)



- Red (55%)
- Yellow (7%)
- Blue (100%)



- Cyan (45%)
- Magenta (93%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (93%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 121.739, 312.536 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, 121.739, 312.536 by changing the saturation by 10% instead.


 43, 121.739,
312.536


 43, 121.739,
312.536


 100, 121.739,
312.536


 33, 121.739,
312.536


 63, 121.739,
312.536


 23, 121.739,
312.536


 73, 121.739,
312.536


 13, 121.739,
312.536


 83, 121.739,
312.536

 3, 121.739,
312.536

 93, 121.739,
312.536

 0, 121.739,
312.536

 43, 121.739,

 43, 121.739,

312.536

■ 41, 124.515,
312.073

312.536

■ 46, 114.868,
312.958

■ 51, 104.638,
312.990

■ 56, 92.002,
312.745

■ 63, 77.936,
312.331

■ 69, 63.194,
311.830

■ 76, 48.272,
311.298

■ 83, 33.472,
310.772

■ 90, 18.963,
310.270

Harmonies

Complementary

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



43, 121.739, 312.536



90, 107.638, 128.151

Rectangle

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



43, 121.739, 312.536



43, 121.739, 2.536



43, 121.739, 132.536



43, 121.739, 182.536

Sweetspot

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



43, 121.739, 312.537



80, 40.156, 311.008



56, 71.019, 283.693



40, 27.854, 311.236



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, 121.739, 312.537



41, 124.579, 312.073



60, 112.911, 328.844



49, 7.959, 310.079



30, 100.160, 312.269



6, 44.880, 313.352

Inverse Universe

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



55, 83.655, 1.756



55, 84.483, 4.629



88, 117.926, 136.328



50, 6.310, 345.357



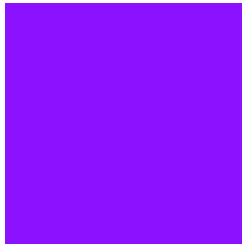
41, 68.098, 3.762



10, 31.717, 357.896

Previews

White Background



This preview shows how the CIELCh color 43, 121.739, 312.536 looks on a white background.

Color Contrast Check

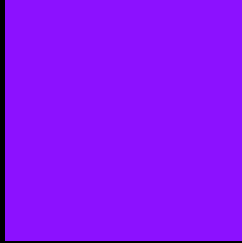
Large Text (above 18pt) WCAG AA ✓ Pass

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, 121.739, 312.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

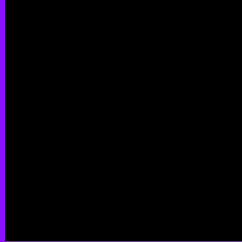
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 121.739, 312.536

Background



This preview shows how black text looks on a background with the CIELCh color 43, 121.739, 312.536.



This preview shows how white text looks on a background with the CIELCh color 43, 121.739, 312.536.

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, 121.739, 312.536

Protanopia

43, 65.566, 286.929

Deuteranopia

43, 45.306, 273.103



Tritanopia
43, 5.108, 309.363

Trichromacy



Original Color
43, 121.739, 312.536

Protanomaly
38, 93.304, 300.474

Deuteranomaly
38, 79.934, 298.120

Tritanomaly
39, 56.693, 312.373

Monochromacy



Original Color
43, 121.739, 312.536

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 54.631, 312.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 121.739, 312.536 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(140, 17, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 17, 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(140, 17, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 17, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 121.739, 312.536 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(140, 17, 255) }
```

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

```
.border{ border-color:rgb(140, 17, 255) }
```

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

Here you see how a box with a 4 pixel rgb(140, 17, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 17, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 17, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 17,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 121.739, 312.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 17, 255) }
```

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

```
.background{ background-color: rgb(140, 17,  
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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