

Converting Colors

CIELCh(43, 111.342, 316.179)

Have a look what the booklet for
CIELCh(43, 111.342, 316.179)
contains.

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Color

CIELCh(43, 111.525, 316.122)

Conversions

Conversions Part 1

Format	Color
Hex	9C0AE9
RGB	156, 10, 233
RGB Percent	61%, 4%, 91%
CMY	0.3884, 0.9614, 0.0865
CMYK	0.33, 0.96, 0.00, 0.09
HSL	279°, 92%, 48%
HSV	279°, 96%, 91%
XYZ	28.5098, 13.1578, 78.0927
YIQ	79.0760, 15.4330, 100.3050

Conversions

Conversions Part 2

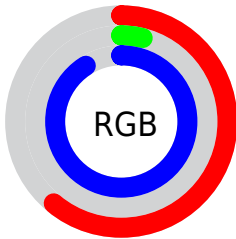
Format	Color
R _Y B	156, 10, 233
Decimal	10226409
CIE Lab	43.00, 80.39, -77.30
CIE LCh	43, 111.525, 316.122
Yxy	13.1578, 0.2381, 0.1099
Android (android.graphics.Color)	4288416489 (0xFF9C0AE9)
YUV	79.0760, 75.8845, 67.4623
Hunter-Lab	36.2736, 76.8157, -102.2526

Details

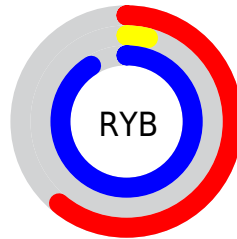
The CIELCh color **43, 111.525, 316.122** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **82, 105.378, 132.092**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 95.023, 320.455**, and **28, 93.649, 312.880** is the 20% darker color. If you saturate the color by 10%, you get **42, 112.916, 315.827**, and if you desaturate by 10%, it is **45, 106.737, 316.672**.

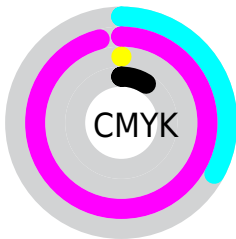
Distribution



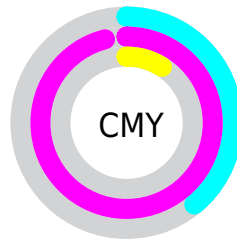
- Red (61%)
- Green (4%)
- Blue (91%)



- Red (61%)
- Yellow (4%)
- Blue (91%)



- Cyan (33%)
- Magenta (96%)
- Yellow (0%)
- Black (9%)





- Cyan (39%)
- Magenta (96%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 111.525, 316.122 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, 111.525, 316.122 by changing the saturation by 10% instead.


 43, 111.525,
316.122


 43, 111.525,
316.122


 100, 111.525,
316.122


 33, 111.525,
316.122


 63, 111.525,
316.122


 23, 111.525,
316.122


 73, 111.525,
316.122


 13, 111.525,
316.122


 83, 111.525,
316.122

 3, 111.525,
316.122

 93, 111.525,
316.122

 0, 111.525,
316.122

 43, 111.525,

 43, 111.525,

316.122

316.122

■ 42, 112.916,
315.827

■ 45, 106.737,
316.672

■ 49, 98.853,
316.891

■ 53, 88.418,
316.845

■ 58, 76.201,
316.611

■ 64, 62.915,
316.259

■ 70, 49.109,
315.842

■ 76, 35.162,
315.397

■ 82, 21.316,
314.948

Harmonies

Complementary

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



43, 111.525, 316.122



82, 105.378, 132.092

Rectangle

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



43, 111.525, 316.122



43, 111.525, 6.122



43, 111.525, 136.122



43, 111.525, 186.122

Sweetspot

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



43, 111.525, 316.122



80, 42.687, 315.548



43, 86.204, 294.714



40, 29.366, 315.739



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, 111.525, 316.122



46, 120.952, 315.776



54, 95.528, 335.059



46, 7.669, 314.669



32, 93.391, 315.994



6, 38.359, 316.841

Inverse Universe

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



50, 79.252, 15.568



54, 86.468, 18.156



81, 106.313, 137.910



46, 5.417, 353.746



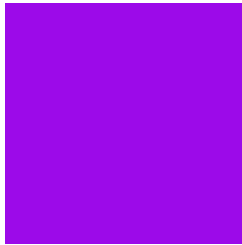
38, 66.519, 16.847



7, 27.826, 6.605

Previews

White Background



This preview shows how the CIELCh color 43, 111.525, 316.122 looks on a white background.

Color Contrast Check

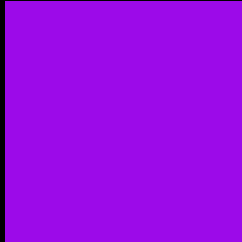
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111.525, 316.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

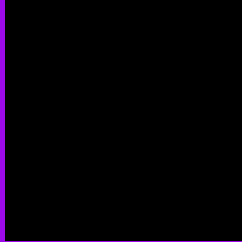
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 111.525, 316.122

Background



This preview shows how black text looks on a background with the CIELCh color 43, 111.525, 316.122.



This preview shows how white text looks on a background with the CIELCh color 43, 111.525, 316.122.

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, 111.525, 316.122

Protanopia

44, 66.048, 286.935

Deuteranopia

43, 46.851, 274.485



Tritanopia
43, 18.129, 8.799

Trichromacy



Original Color
43, 111.525, 316.122



Protanomaly
38, 90.570, 300.826



Deuteranomaly
37, 78.398, 299.073



Tritanomaly
40, 56.474, 325.176

Monochromacy



Original Color
43, 111.525, 316.122



Achromatopsia
34, 0.005, 296.813



Achromatomaly
33, 52.445, 316.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 111.525, 316.122 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(156, 10, 233)` looks like.

```
.text, #text, p{  
    color:rgb(156, 10, 233)  
}
```

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(156, 10, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 10, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 111.525, 316.122 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(156, 10, 233) }
```

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

```
.border{ border-color:rgb(156, 10, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 10, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 10, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 10, 233);  
box-shadow:4px 4px 4px 4px rgb(156, 10,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 111.525, 316.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 10, 233) }
```

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

```
.background{ background-color: rgb(156, 10,  
233) }
```

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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