

Converting Colors

CIELCh(43, 109.243, 315.819)

Have a look what the booklet for
CIELCh(43, 109.243, 315.819)
contains.

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Color

CIELCh(43, 109.257, 315.808)

Conversions

Conversions Part 1

Format	Color
Hex	9A15E7
RGB	154, 21, 231
RGB Percent	60%, 8%, 91%
CMY	0.3964, 0.9182, 0.0944
CMYK	0.33, 0.91, 0.00, 0.09
HSL	278°, 83%, 49%
HSV	278°, 91%, 91%
XYZ	27.9888, 13.1578, 76.6084
YIQ	84.7070, 11.8580, 93.5060

Conversions

Conversions Part 2

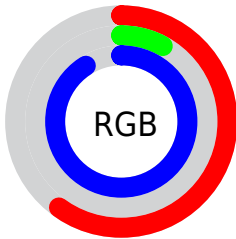
Format	Color
RYB	154, 21, 231
Decimal	10098151
CIELab	43.00, 78.34, -76.16
CIELCh	43, 109.257, 315.808
Yxy	13.1578, 0.2377, 0.1117
Android (android.graphics.Color)	4288288231 (0xFF9A15E7)
YUV	84.7070, 72.1224, 60.7700
Hunter-Lab	36.2736, 74.2523, -99.8264

Details

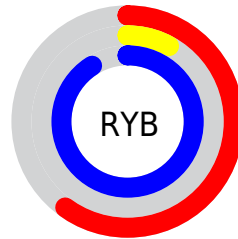
The CIELCh color **43, 109.257, 315.808** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **82, 102.100, 131.168**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 93.549, 319.741**, and **28, 92.957, 312.760** is the 20% darker color. If you saturate the color by 10%, you get **41, 112.662, 315.200**, and if you desaturate by 10%, it is **46, 102.815, 316.190**.

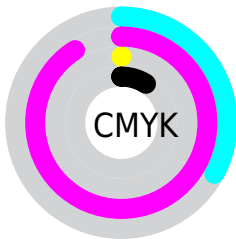
Distribution



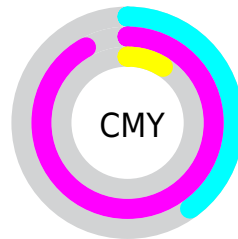
- Red (60%)
- Green (8%)
- Blue (91%)



- Red (60%)
- Yellow (8%)
- Blue (91%)



- Cyan (33%)
- Magenta (91%)
- Yellow (0%)
- Black (9%)





- Cyan (40%)
- Magenta (92%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 109.257, 315.808 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, 109.257, 315.808 by changing the saturation by 10% instead.


 43, 109.257,
315.808


 43, 109.257,
315.808


 100, 109.257,
315.808


 33, 109.257,
315.808


 63, 109.257,
315.808


 23, 109.257,
315.808


 73, 109.257,
315.808

 13, 109.257,
315.808

 83, 109.257,
315.808

 3, 109.257,
315.808

 93, 109.257,
315.808

 0, 109.257,
315.808

 43, 109.257,

 43, 109.257,

315.808

■ 41, 112.662,
315.200

315.808

■ 46, 102.815,
316.190

■ 50, 93.510,
316.260

■ 55, 82.072,
316.099

■ 60, 69.273,
315.787

■ 66, 55.747,
315.385

■ 72, 41.944,
314.941

■ 78, 28.159,
314.486

■ 85, 14.571,
314.037

Harmonies

Complementary

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



43, 109.257, 315.808



82, 102.100, 131.168

Rectangle

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



43, 109.257, 315.808



43, 109.257, 5.808



43, 109.257, 135.808



43, 109.257, 185.808

Sweetspot

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



43, 109.257, 315.808



81, 39.514, 314.767



45, 78.704, 291.813



41, 26.695, 314.923



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, 109.257, 315.808



45, 121.487, 315.142



54, 95.455, 333.866



45, 7.492, 313.970



31, 92.803, 315.377



5, 36.410, 315.785

Inverse Universe

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



50, 76.831, 11.058



54, 85.794, 16.095



80, 103.977, 138.232



45, 5.384, 352.342



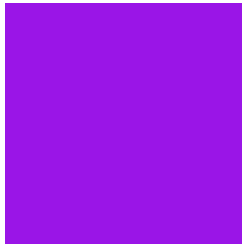
38, 65.367, 14.747



7, 26.786, 4.508

Previews

White Background



This preview shows how the CIE LCh color 43, 109.257, 315.808 looks on a white background.

Color Contrast Check

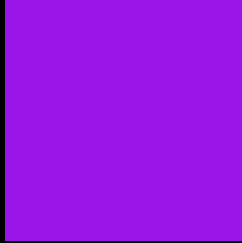
Large Text (above 18pt) WCAG AA ✓ Pass

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, 109.257, 315.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

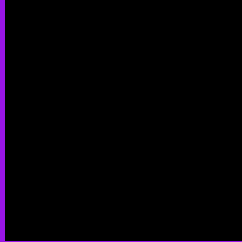
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 109.257, 315.808

Background



This preview shows how black text looks on a background with the CIELCh color 43, 109.257, 315.808.



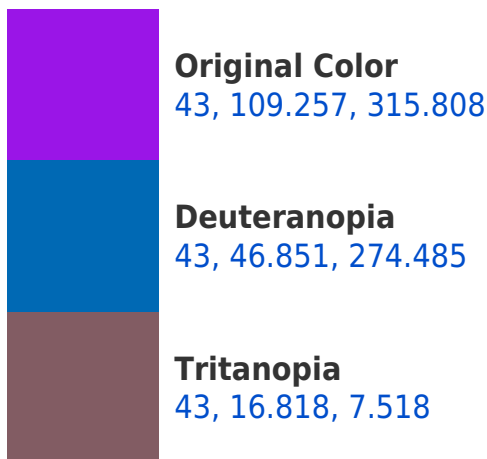
This preview shows how white text looks on a background with the CIELCh color 43, 109.257, 315.808.

315.808.

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



Trichromacy



Original Color
43, 109.257, 315.808

Deuteranomaly
38, 75.856, 297.881

Tritanomaly
40, 53.414, 324.171

Monochromacy



Original Color
43, 109.257, 315.808

Achromatopsia
36, 0.005, 296.813

Achromatomaly
35, 49.140, 315.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 109.257, 315.808 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(154, 21, 231)` looks like.

```
.text, #text, p{  
    color:rgb(154, 21, 231)  
}
```

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(154, 21, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 21, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 109.257, 315.808 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(154, 21, 231) }
```

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

```
.border{ border-color:rgb(154, 21, 231) }
```

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

Here you see how a box with a 4 pixel rgb(154, 21, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 21, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 21, 231);  
box-shadow:4px 4px 4px 4px rgb(154, 21,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 109.257, 315.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 21, 231) }
```

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

```
.background{ background-color: rgb(154, 21,  
231) }
```

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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