

Converting Colors

CIELCh(43, 110.542, 317.419)

Have a look what the booklet for
CIELCh(43, 110.542, 317.419)
contains.

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Color

CIELCh(43, 110.418, 317.331)

Conversions

Conversions Part 1

Format	Color
Hex	A100E5
RGB	161, 0, 229
RGB Percent	63%, 0%, 90%
CMY	0.3700, 1.0000, 0.1033
CMYK	0.30, 1.00, 0.00, 0.10
HSL	282°, 100%, 45%
HSV	282°, 100%, 90%
XYZ	28.7145, 13.1578, 74.9129
YIQ	74.2450, 22.4470, 105.3510

Conversions

Conversions Part 2

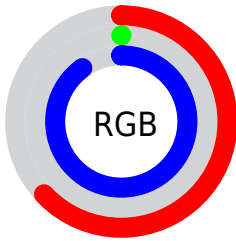
Format	Color
RYB	161, 0, 229
Decimal	10551525
CIELab	43.00, 81.19, -74.84
CIELCh	43, 110.418, 317.331
Yxy	13.1578, 0.2459, 0.1127
Android (android.graphics.Color)	4288741605 (0xFFFA100E5)
YUV	74.2450, 76.2942, 76.0841
Hunter-Lab	36.2736, 77.8230, -97.0551

Details

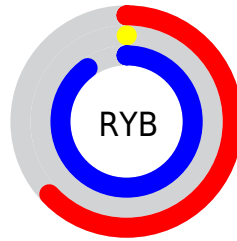
The CIELCh color **43, 110.418, 317.331** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **80, 106.543, 133.369**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 96.045, 321.475**, and **29, 91.132, 314.120** is the 20% darker color. If you saturate the color by 10%, you get **43, 110.307, 317.317**, and if you desaturate by 10%, it is **45, 106.850, 317.929**.

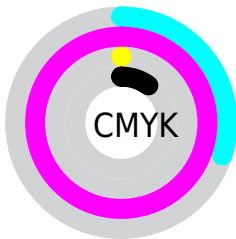
Distribution



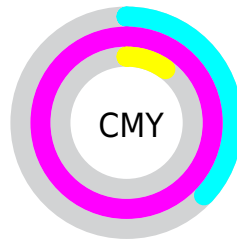
- Red (63%)
- Green (0%)
- Blue (90%)



- Red (63%)
- Yellow (0%)
- Blue (90%)



- Cyan (30%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)





- Cyan (37%)
- Magenta (100%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 110.418, 317.331 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, 110.418, 317.331 by changing the saturation by 10% instead.


 43, 110.418,
317.331


 43, 110.418,
317.331


 100, 110.418,
317.331


 33, 110.418,
317.331


 63, 110.418,
317.331


 23, 110.418,
317.331


 73, 110.418,
317.331


 13, 110.418,
317.331


 83, 110.418,
317.331

 3, 110.418,
317.331

 93, 110.418,
317.331

 0, 110.418,
317.331

 43, 110.418,

 43, 110.418,

317.331

317.331

■ 43, 110.307,
317.317

■ 45, 106.850,
317.929

■ 48, 100.659,
318.267

■ 51, 91.677,
318.333

■ 56, 80.545,
318.190

■ 61, 67.976,
317.903

■ 67, 54.587,
317.528

■ 72, 40.837,
317.105

■ 78, 27.039,
316.664

■ 85, 13.390,
316.221

Harmonies

Complementary

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



43, 110.418, 317.331



80, 106.543, 133.369

Rectangle

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



43, 110.418, 317.331



43, 110.418, 7.331



43, 110.418, 137.331



43, 110.418, 187.331

Sweetspot

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



43, 110.307, 317.317



80, 44.615, 317.113



38, 96.133, 298.821



40, 30.489, 317.296



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, 110.307, 317.317



48, 119.821, 317.260



52, 90.949, 338.324



45, 7.623, 316.197



33, 91.571, 317.469



6, 36.753, 318.213

Inverse Universe

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



48, 81.241, 22.208



54, 88.413, 22.587



80, 104.304, 138.337



45, 5.189, 356.983



37, 67.123, 21.189



7, 26.656, 8.645

Previews

White Background



This preview shows how the CIELCh color 43, 110.418, 317.331 looks on a white background.

Color Contrast Check

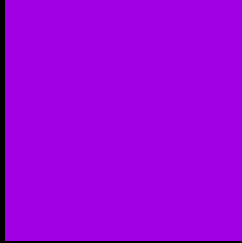
Large Text (above 18pt) WCAG AA ✓ Pass

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, 110.418, 317.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

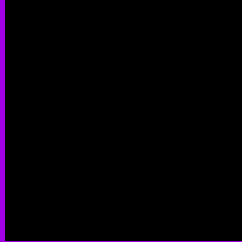
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 110.418, 317.331

Background



This preview shows how black text looks on a background with the CIELCh color 43, 110.418, 317.331.



This preview shows how white text looks on a background with the CIELCh color 43, 110.418, 317.331.

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, 110.418, 317.331

Protanopia

44, 65.979, 286.724

Deuteranopia

44, 47.357, 274.648



Tritanopia
43, 21.651, 11.598

Trichromacy



Original Color
43, 110.418, 317.331

Protanomaly
37, 91.805, 301.460

Deuteranomaly
36, 80.275, 299.937

Tritanomaly
40, 57.770, 328.104

Monochromacy



Original Color
43, 110.418, 317.331

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 53.992, 318.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 110.418, 317.331 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(161, 0, 229)` looks like.

```
.text, #text, p{  
    color:rgb(161, 0, 229)  
}
```

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(161, 0, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 0, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 110.418, 317.331 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(161, 0, 229) }
```

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

```
.border{ border-color:rgb(161, 0, 229) }
```

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

Here you see how a box with a 4 pixel rgb(161, 0, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 0, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 0, 229);  
box-shadow:4px 4px 4px 4px rgb(161, 0,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 110.418, 317.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 0, 229) }
```

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

```
.background{ background-color: rgb(161, 0,  
229) }
```

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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