

Converting Colors

CIELCh(49, 103.182, 309.766)

Have a look what the booklet for
CIELCh(49, 103.182, 309.766)
contains.

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Color

CIELCh(49, 103.033, 309.673)

Conversions

Conversions Part 1

Format	Color
Hex	8F48FE
RGB	143, 72, 254
RGB Percent	56%, 28%, 100%
CMY	0.4397, 0.7181, 0.0044
CMYK	0.44, 0.72, 0.00, 0.00
HSL	263°, 99%, 64%
HSV	263°, 72%, 100%
XYZ	31.4822, 17.5941, 95.3928
YIQ	113.9770, -16.1060, 71.6540

Conversions

Conversions Part 2

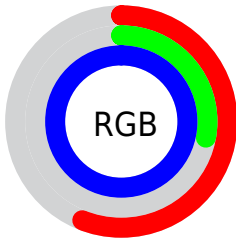
Format	Color
R_{YB}	143, 72, 254
Decimal	9390334
CIE _{Lab}	49.00, 65.78, -79.30
CIE _{LCh}	49, 103.033, 309.673
Yxy	17.5941, 0.2179, 0.1218
Android (android.graphics.Color)	4287580414 (0xFF8F48FE)
YUV	113.9770, 69.0313, 25.4532
Hunter-Lab	41.9453, 60.5698, -105.4768

Details

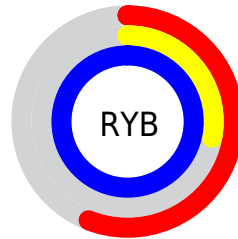
The CIELCh color **49, 103.033, 309.673** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **92, 88.881, 122.203**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 74.306, 314.889**, and **29, 102.966, 309.651** is the 20% darker color. If you saturate the color by 10%, you get **44, 114.780, 309.985**, and if you desaturate by 10%, it is **55, 89.281, 309.110**.

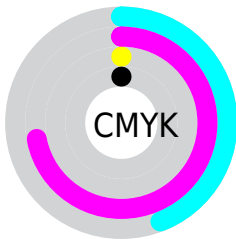
Distribution



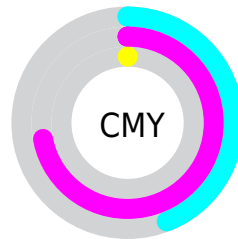
- Red (56%)
- Green (28%)
- Blue (100%)



- Red (56%)
- Yellow (28%)
- Blue (100%)



- Cyan (44%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (72%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 103.033, 309.673 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 49, 103.033, 309.673 by changing the saturation by 10% instead.


 49, 103.033,
309.673


 49, 103.033,
309.673


 100, 103.033,
309.673


 39, 103.033,
309.673


 69, 103.033,
309.673


 29, 103.033,
309.673


 79, 103.033,
309.673

 19, 103.033,
309.673


 89, 103.033,
309.673

 9, 103.033,
309.673

 99, 103.033,
309.673

 0, 103.033,
309.673

 49, 103.033,

 49, 103.033,

309.673

309.673

■ 44, 114.780,
309.985

■ 55, 89.281,
309.110

■ 40, 123.269,
309.891

■ 62, 74.565,
308.424

■ 37, 127.565,
309.488

■ 69, 59.569,
307.703

■ 76, 44.686,
307.001

■ 84, 30.122,
306.345

■ 91, 15.973,
305.748

■ 98, 2.276, 305.181

100, 0.562,
109.998

Harmonies

Complementary

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



49, 103.033, 309.673



92, 88.881, 122.203

Rectangle

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



49, 103.033, 309.673



49, 103.033, 359.673



49, 103.033, 129.673



49, 103.033, 179.673

Sweetspot

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



49, 103.033, 309.674



84, 30.683, 306.365



71, 44.633, 257.596



42, 20.704, 306.538



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 103.033, 309.674



42, 119.330, 310.003



61, 101.547, 324.034



49, 7.772, 305.625



27, 102.879, 309.666



5, 44.887, 309.934

Inverse Universe

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



61, 79.205, 345.887



57, 86.141, 348.826



89, 101.749, 136.139



50, 6.885, 338.853



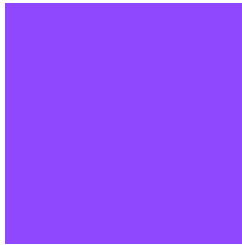
42, 70.677, 352.126



11, 33.312, 348.256

Previews

White Background



This preview shows how the CIELCh color 49, 103.033, 309.673 looks on a white background.

Color Contrast Check

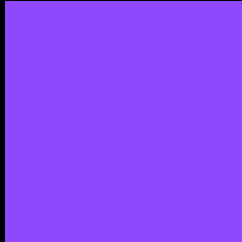
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 103.033, 309.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

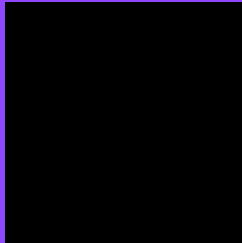
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 103.033, 309.673

Background



This preview shows how black text looks on a background with the CIELCh color 49, 103.033, 309.673.

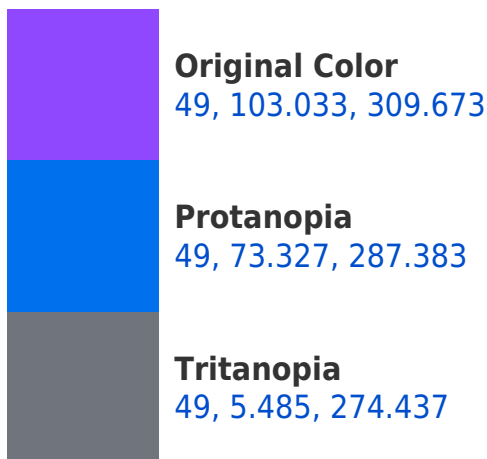


This preview shows how white text looks on a background with the CIELCh color 49, 103.033, 309.673.

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
49, 103.033, 309.673

Protanomaly
47, 85.471, 295.176

Tritanomaly
47, 43.309, 305.412

Monochromacy



Original Color
49, 103.033, 309.673

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 40.091, 307.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 103.033, 309.673 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(143, 72, 254)` looks like.

```
.text, #text, p{  
    color:rgb(143, 72, 254)  
}
```

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(143, 72, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 72, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 103.033, 309.673 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(143, 72, 254) }
```

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

```
.border{ border-color:rgb(143, 72, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 72, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 72, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 72, 254);  
box-shadow:4px 4px 4px 4px rgb(143, 72,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 103.033, 309.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 72, 254) }
```

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

```
.background{ background-color: rgb(143, 72,  
254) }
```

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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