

Converting Colors

CIELCh(51, 107.959, 315.469)

Have a look what the booklet for
CIELCh(51, 107.959, 315.469)
contains.

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Color

CIELCh(51, 108.032, 315.396)

Conversions

Conversions Part 1

Format	Color
Hex	B039FE
RGB	176, 57, 254
RGB Percent	69%, 22%, 100%
CMY	0.3104, 0.7771, 0.0045
CMYK	0.31, 0.78, 0.00, 0.00
HSL	276°, 99%, 61%
HSV	276°, 78%, 100%
XYZ	37.1909, 19.2686, 95.3989
YIQ	115.0390, 7.6870, 86.4950

Conversions

Conversions Part 2

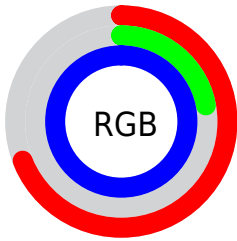
Format	Color
R _Y B	176, 57, 254
Decimal	11549182
CIE Lab	51.00, 76.92, -75.86
CIE LCh	51, 108.032, 315.396
Yxy	19.2686, 0.2449, 0.1269
Android (android.graphics.Color)	4289739262 (0xFFB039FE)
YUV	115.0390, 68.5078, 53.4628
Hunter-Lab	43.8960, 74.4161, -98.1273

Details

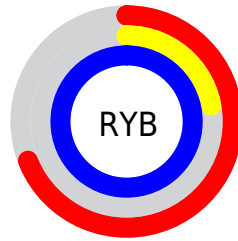
The CIELCh color **51, 108.032, 315.396** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **90, 99.955, 129.739**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 81.573, 323.227**, and **33, 100.406, 314.142** is the 20% darker color. If you saturate the color by 10%, you get **47, 116.205, 315.125**, and if you desaturate by 10%, it is **56, 96.979, 315.365**.

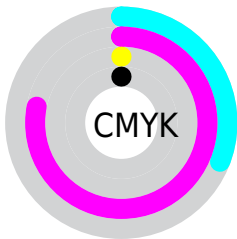
Distribution



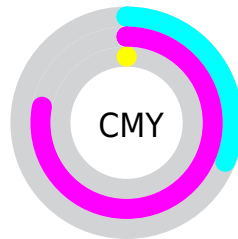
- Red (69%)
- Green (22%)
- Blue (100%)



- Red (69%)
- Yellow (22%)
- Blue (100%)



- Cyan (31%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (78%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 108.032, 315.396 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 51, 108.032, 315.396 by changing the saturation by 10% instead.


 51, 108.032,
315.396


 51, 108.032,
315.396


 100, 108.032,
315.396


 41, 108.032,
315.396


 71, 108.032,
315.396


 31, 108.032,
315.396


 81, 108.032,
315.396

 21, 108.032,
315.396

 91, 108.032,
315.396

 11, 108.032,
315.396

 1, 108.032,
315.396

 0, 108.032,
315.396

51, 108.032,
315.396

51, 108.032,
315.396

47, 116.205,
315.125

56, 96.979,
315.365

45, 120.963,
314.486

61, 83.933,
315.123

44, 121.821,
314.309

67, 69.715,
314.751

74, 54.948,
314.310

80, 40.051,
313.843

87, 25.283,
313.377

94, 10.796,
312.923

100, 0.572,

110.000

Harmonies

Complementary

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



51, 108.032, 315.396



90, 99.955, 129.739

Rectangle

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



51, 108.032, 315.396



51, 108.032, 5.396



51, 108.032, 135.396



51, 108.032, 185.396

Sweetspot

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



51, 108.031, 315.396



84, 33.337, 313.627



58, 67.731, 284.293



42, 23.155, 313.797



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 108.031, 315.396



46, 119.603, 314.825



62, 99.587, 331.666



49, 8.113, 313.009



33, 98.317, 314.496



7, 44.648, 315.784

Inverse Universe

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



58, 76.589, 3.066



55, 83.333, 9.601



88, 104.130, 139.265



50, 5.973, 350.491



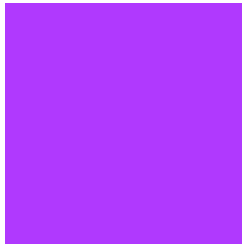
41, 68.379, 12.209



10, 31.294, 5.140

Previews

White Background



This preview shows how the CIELCh color 51, 108.032, 315.396 looks on a white background.

Color Contrast Check

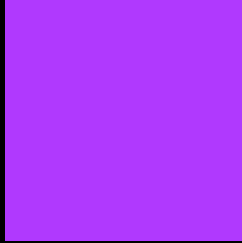
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 51, 108.032, 315.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

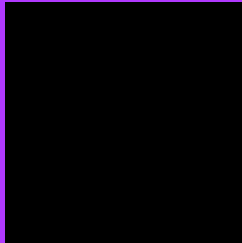
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 108.032, 315.396

Background



This preview shows how black text looks on a background with the CIELCh color 51, 108.032, 315.396.



This preview shows how white text looks on a background with the CIELCh color 51, 108.032, 315.396.

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

51, 108.032, 315.396

Protanopia

51, 75.667, 287.391

Deuteranopia

51, 55.290, 276.330



Tritanopia
51, 18.042, 6.883

Trichromacy



Original Color
51, 108.032, 315.396



Protanomaly
47, 89.747, 297.087



Deuteranomaly
47, 76.283, 294.042



Tritanomaly
49, 49.903, 324.442

Monochromacy



Original Color
51, 108.032, 315.396



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 44.376, 314.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 108.032, 315.396 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(176, 57, 254)` looks like.

```
.text, #text, p{  
    color:rgb(176, 57, 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(176, 57, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 57, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 108.032, 315.396 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(176, 57, 254) }
```

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

```
.border{ border-color:rgb(176, 57, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 57, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 57, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 57, 254);  
box-shadow:4px 4px 4px 4px rgb(176, 57,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 108.032, 315.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 57, 254) }
```

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

```
.background{ background-color: rgb(176, 57,  
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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