

Converting Colors

CIELCh(51, 92.599, 312.022)

Have a look what the booklet for
CIELCh(51, 92.599, 312.022)
contains.

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Color

CIELCh(51, 92.757, 312.034)

Conversions

Conversions Part 1

Format	Color
Hex	9E4FF1
RGB	158, 79, 241
RGB Percent	62%, 31%, 95%
CMY	0.3796, 0.6895, 0.0541
CMYK	0.34, 0.67, 0.00, 0.05
HSL	269°, 85%, 63%
HSV	269°, 67%, 95%
XYZ	32.8534, 19.2686, 85.3571
YIQ	121.0890, -4.9180, 67.1300

Conversions

Conversions Part 2

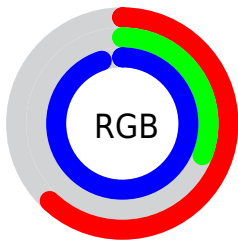
Format	Color
R _Y B	158, 79, 241
Decimal	10375153
CIE Lab	51.00, 62.11, -68.90
CIE LCh	51, 92.757, 312.034
Yxy	19.2686, 0.2390, 0.1402
Android (android.graphics.Color)	4288565233 (0xFF9E4FF1)
YUV	121.0890, 59.1161, 32.3709
Hunter-Lab	43.8960, 56.7780, -84.5639

Details

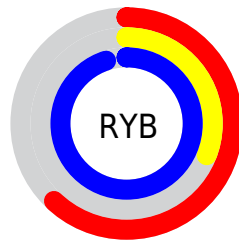
The CIELCh color **51, 92.757, 312.034** is a light color, and the websafe version is hex **9966FF**. The color can be described as light washed purple. A complement of this color would be **88, 83.377, 125.879**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 71.017, 317.399**, and **31, 92.914, 311.986** is the 20% darker color. If you saturate the color by 10%, you get **46, 104.372, 312.249**, and if you desaturate by 10%, it is **57, 79.533, 311.619**.

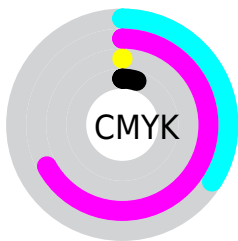
Distribution



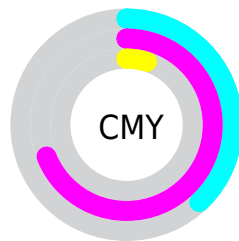
- Red (62%)
- Green (31%)
- Blue (95%)



- Red (62%)
- Yellow (31%)
- Blue (95%)



- Cyan (34%)
- Magenta (67%)
- Yellow (0%)
- Black (5%)





- Cyan (38%)
- Magenta (69%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 92.757, 312.034 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, 92.757, 312.034 by changing the saturation by 10% instead.


 51, 92.757,
312.034


 51, 92.757,
312.034


 100, 92.757,
312.034


 41, 92.757,
312.034


 71, 92.757,
312.034

 31, 92.757,
312.034

 81, 92.757,
312.034

 21, 92.757,
312.034

 91, 92.757,
312.034

 11, 92.757,
312.034

 1, 92.757, 312.034

 0, 92.757, 312.034

51, 92.757,
312.034

51, 92.757,
312.034

46, 104.372,
312.249

57, 79.533,
311.619

42, 113.376,
312.143

63, 65.510,
311.097

39, 118.954,
311.614

70, 51.233,
310.537

38, 120.171,
311.433

76, 37.031,
309.978

83, 23.091,
309.446

90, 9.508, 308.949

97, 3.676, 128.554

100, 6.989,
109.644

Harmonies

Complementary

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



51, 92.757, 312.034



88, 83.377, 125.879

Rectangle

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



51, 92.757, 312.034



51, 92.757, 2.034



51, 92.757, 132.034



51, 92.757, 182.034

Sweetspot

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



51, 92.756, 312.034



86, 28.249, 309.596



65, 46.652, 268.804



44, 19.346, 309.746



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, 92.756, 312.034



47, 113.077, 312.252



62, 93.848, 327.169



46, 7.519, 309.061



28, 97.751, 311.627



5, 39.585, 311.676

Inverse Universe

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



59, 69.425, 351.362



58, 80.857, 354.851



85, 95.188, 138.115



47, 6.116, 343.740



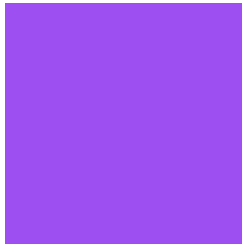
39, 66.365, 0.818



8, 29.562, 354.624

Previews

White Background



This preview shows how the CIELCh color 51, 92.757, 312.034 looks on a white background.

Color Contrast Check

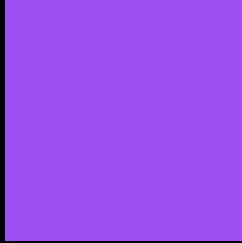
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 51, 92.757, 312.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

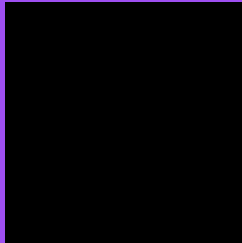
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 92.757, 312.034

Background



This preview shows how black text looks on a background with the CIELCh color 51, 92.757, 312.034.

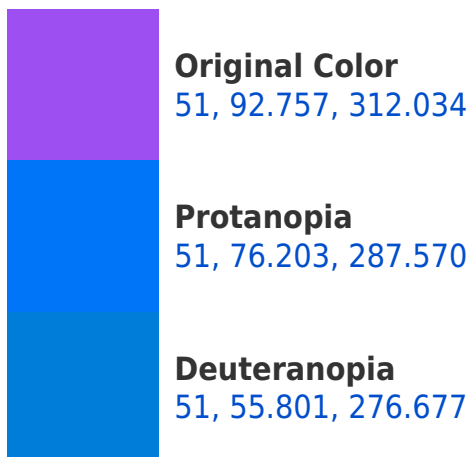


This preview shows how white text looks on a background with the CIELCh color 51, 92.757, 312.034.

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





Tritanopia
51, 9.297, 346.249

Trichromacy



Original Color
51, 92.757, 312.034



Protanomaly
49, 83.240, 294.302



Deuteranomaly
48, 69.170, 290.185



Tritanomaly
50, 39.963, 314.964

Monochromacy



Original Color
51, 92.757, 312.034



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 36.127, 310.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 92.757, 312.034 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(158, 79, 241)` looks like.

```
.text, #text, p{  
    color:rgb(158, 79, 241)  
}
```

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(158, 79, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 79, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 92.757, 312.034 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(158, 79, 241) }
```

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

```
.border{ border-color:rgb(158, 79, 241) }
```

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

Here you see how a box with a 4 pixel rgb(158, 79, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 79, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 79, 241);  
box-shadow:4px 4px 4px 4px rgb(158, 79,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 92.757, 312.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 79, 241) }
```

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

```
.background{ background-color: rgb(158, 79,  
241) }
```

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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