

Converting Colors

CIELCh(54, 111.910, 306.254)

Have a look what the booklet for
CIELCh(54, 111.910, 306.254)
contains.

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Color

CIELCh(51, 95.328, 307.067)

Conversions

Conversions Part 1

Format	Color
Hex	8957FE
RGB	137, 87, 254
RGB Percent	54%, 34%, 100%
CMY	0.4634, 0.6588, 0.0045
CMYK	0.46, 0.66, 0.00, 0.00
HSL	258°, 99%, 67%
HSV	258°, 66%, 100%
XYZ	31.5649, 19.2686, 95.7055
YIQ	120.9880, -23.8070, 62.5370

Conversions

Conversions Part 2

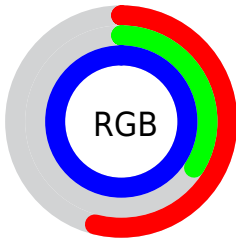
Format	Color
R_{YB}	137, 87, 254
Decimal	9000958
CIE _{Lab}	51.00, 57.46, -76.07
CIE _{LCh}	51, 95.328, 307.067
Yxy	19.2686, 0.2154, 0.1315
Android (android.graphics.Color)	4287191038 (0xFF8957FE)
YUV	120.9880, 65.5749, 14.0425
Hunter-Lab	43.8960, 51.5385, -98.5415

Details

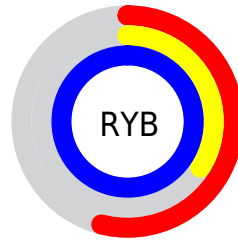
The CIELCh color **51, 95.328, 307.067** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **94, 81.333, 118.396**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 65.499, 311.238**, and **31, 95.496, 307.138** is the 20% darker color. If you saturate the color by 10%, you get **45, 109.034, 307.841**, and if you desaturate by 10%, it is **58, 80.462, 306.151**.

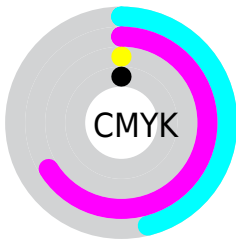
Distribution



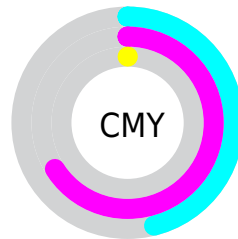
- Red (54%)
- Green (34%)
- Blue (100%)



- Red (54%)
- Yellow (34%)
- Blue (100%)



- Cyan (46%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 95.328, 307.067 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, 95.328, 307.067 by changing the saturation by 10% instead.

■ 51, 95.328,
307.067

■ 51, 95.328,
307.067

■ 100, 95.328,
307.067

■ 41, 95.328,
307.067

■ 71, 95.328,
307.067

■ 31, 95.328,
307.067

■ 81, 95.328,
307.067

■ 21, 95.328,
307.067

■ 91, 95.328,
307.067

■ 11, 95.328,
307.067

■ 1, 95.328, 307.067

■ 0, 95.328, 307.067

51, 95.328,
307.067

51, 95.328,
307.067

45, 109.034,
307.841

58, 80.462,
306.151

40, 120.282,
308.298

65, 65.280,
305.208

36, 127.624,
308.256

72, 50.241,
304.306

35, 129.746,
308.135

80, 35.570,
303.478

88, 21.362,
302.736

95, 7.645, 302.079

100, 0.566,
109.999

Harmonies

Complementary

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



51, 95.328, 307.067



94, 81.333, 118.396

Rectangle

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



51, 95.328, 307.067



51, 95.328, 357.067



51, 95.328, 127.067



51, 95.328, 177.067

Sweetspot

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



51, 95.328, 307.068



85, 27.474, 303.043



78, 38.266, 239.659



43, 18.838, 303.253



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, 95.328, 307.068



43, 113.466, 308.036



61, 94.997, 320.798



49, 7.666, 302.318



26, 104.647, 308.287



5, 44.751, 307.676

Inverse Universe

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



64, 79.058, 339.821



60, 88.164, 341.530



90, 92.915, 134.490



50, 7.347, 334.853



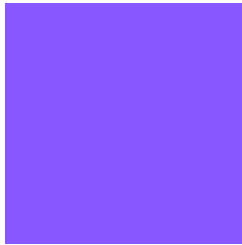
43, 74.381, 344.837



11, 35.043, 342.269

Previews

White Background



This preview shows how the CIELCh color 51, 95.328, 307.067 looks on a white background.

Color Contrast Check

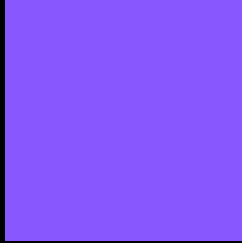
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.328, 307.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

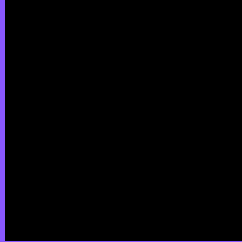
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 95.328, 307.067

Background



This preview shows how black text looks on a background with the CIELCh color 51, 95.328, 307.067.

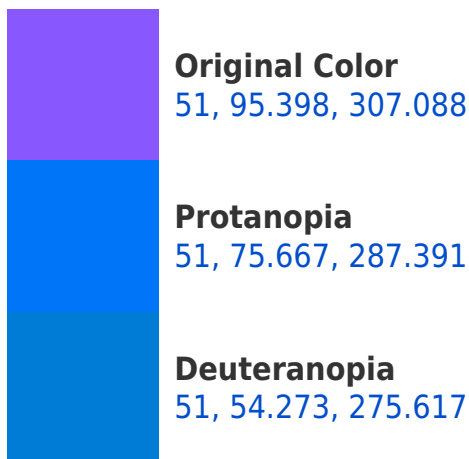


This preview shows how white text looks on a background with the CIELCh color 51, 95.328, 307.067.

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, 9.010, 239.380

Trichromacy



Original Color
51, 95.398, 307.088



Protanomaly
49, 83.110, 293.189



Deuteranomaly
49, 68.559, 288.564



Tritanomaly
50, 39.334, 297.784

Monochromacy



Original Color
51, 95.398, 307.088



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 35.806, 304.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 95.328, 307.067 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(137, 87, 254)` looks like.

```
.text, #text, p{  
    color:rgb(137, 87, 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(137, 87, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 87, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 95.328, 307.067 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(137, 87, 254) }
```

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

```
.border{ border-color:rgb(137, 87, 254) }
```

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

Here you see how a box with a 4 pixel rgb(137, 87, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 87, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 87, 254);  
box-shadow:4px 4px 4px 4px rgb(137, 87,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 95.328, 307.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 87, 254) }
```

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

```
.background{ background-color: rgb(137, 87,  
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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