

Converting Colors

CIELCh(57, 83.077, 306.926)

Have a look what the booklet for
CIELCh(57, 83.077, 306.926)
contains.

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Color

CIELCh(57, 83.150, 306.944)

Conversions

Conversions Part 1

Format	Color
Hex	9B6CFE
RGB	155, 108, 254
RGB Percent	61%, 42%, 100%
CMY	0.3913, 0.5757, 0.0031
CMYK	0.39, 0.57, 0.00, 0.00
HSL	259°, 99%, 71%
HSV	259°, 57%, 100%
XYZ	36.8629, 24.9227, 96.8114
YIQ	138.6970, -18.8540, 55.3700

Conversions

Conversions Part 2

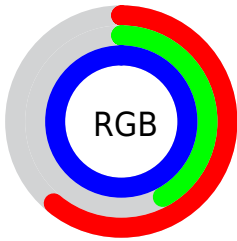
Format	Color
R _Y B	155, 108, 254
Decimal	10185982
CIE _{Lab}	57.00, 49.98, -66.46
CIE _{LCh}	57, 83.150, 306.944
Y _{xy}	24.9227, 0.2324, 0.1571
Android (android.graphics.Color)	4288376062 (0xFF9B6CFE)
YUV	138.6970, 56.8444, 14.2977
Hunter-Lab	49.9226, 44.4401, -80.0311

Details

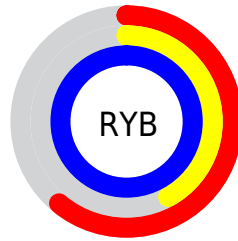
The CIELCh color **57, 83.150, 306.944** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **94, 73.096, 119.597**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 53.701, 312.983**, and **37, 82.814, 306.848** is the 20% darker color. If you saturate the color by 10%, you get **50, 97.787, 307.770**, and if you desaturate by 10%, it is **64, 68.031, 306.066**.

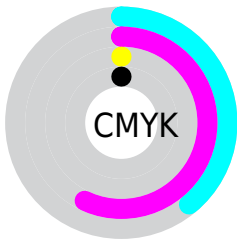
Distribution



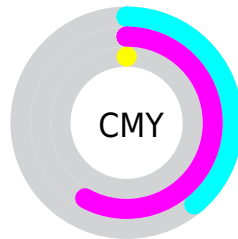
- Red (61%)
- Green (42%)
- Blue (100%)



- Red (61%)
- Yellow (42%)
- Blue (100%)



- Cyan (39%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)




- Cyan (39%)
- Magenta (58%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 83.150, 306.944 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 57, 83.150, 306.944 by changing the saturation by 10% instead.


 57, 83.150,
306.944


 57, 83.150,
306.944

 100, 83.150,
306.944


 47, 83.150,
306.944

 77, 83.150,
306.944

 37, 83.150,
306.944

 87, 83.150,
306.944

 27, 83.150,
306.944

 97, 83.150,
306.944

 17, 83.150,
306.944

 7, 83.150, 306.944

 0, 83.150, 306.944

■ 57, 83.150,
306.944

■ 57, 83.150,
306.944

■ 50, 97.787,
307.770

■ 64, 68.031,
306.066

■ 44, 111.031,
308.420

■ 71, 52.955,
305.208

■ 40, 121.558,
308.723

■ 79, 38.192,
304.410

■ 37, 128.092,
308.523

■ 87, 23.861,
303.688

■ 36, 129.358,
308.441

■ 94, 10.008,
303.045

■ 100, 0.388,
109.950

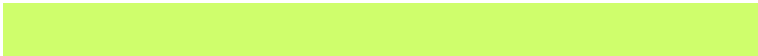
Harmonies

Complementary

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



57, 83.150, 306.944



94, 73.096, 119.597

Rectangle

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



57, 83.150, 306.944



57, 83.150, 356.944



57, 83.150, 126.944



57, 83.150, 176.944

Sweetspot

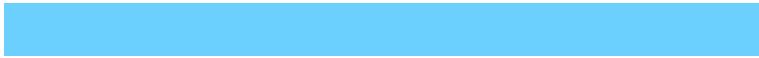
The Sweet Spot groups the original color and five complimentary colors.



57, 83.149, 306.944



87, 23.297, 303.658



79, 35.471, 242.589



45, 15.637, 303.796



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 83.149, 306.944



50, 100.221, 307.888



65, 85.202, 321.678



49, 7.691, 303.172



26, 104.220, 308.601



5, 44.792, 308.232

Inverse Universe

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



67, 70.412, 340.078



62, 80.773, 341.478



90, 83.799, 135.753



50, 7.226, 335.826



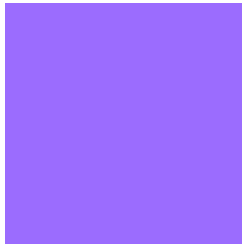
42, 73.308, 346.601



11, 34.561, 343.721

Previews

White Background



This preview shows how the CIELCh color 57, 83.150, 306.944 looks on a white background.

Color Contrast Check

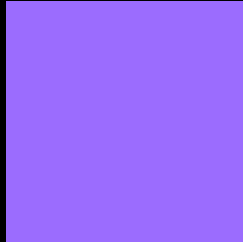
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 83.150, 306.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

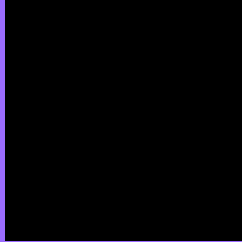
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 83.150, 306.944

Background



This preview shows how black text looks on a background with the CIELCh color 57, 83.150, 306.944.

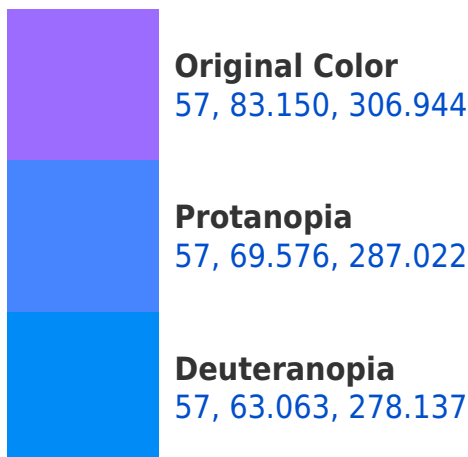


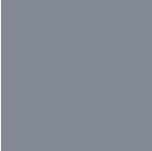
This preview shows how white text looks on a background with the CIELCh color 57, 83.150, 306.944.

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
57, 6.624, 271.049

Trichromacy



Original Color
57, 83.150, 306.944



Protanomaly
57, 74.374, 294.212



Deuteranomaly
55, 70.140, 286.504



Tritanomaly
56, 34.730, 301.223

Monochromacy



Original Color
57, 83.150, 306.944



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 30.985, 304.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 83.150, 306.944 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(155, 108, 254)` looks like.

```
.text, #text, p{  
    color:rgb(155, 108, 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(155, 108, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 108, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 83.150, 306.944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

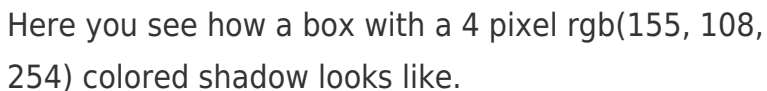
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 108, 254) }
```

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

```
.border{ border-color:rgb(155, 108, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 108, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 108, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 108, 254); box-shadow:4px 4px 4px 4px rgb(155, 108, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 83.150, 306.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 108, 254) }
```

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

```
.background{ background-color: rgb(155,  
108, 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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