

Converting Colors

CIELCh(39, 125.822, 309.844)

Have a look what the booklet for
CIELCh(39, 125.822, 309.844)
contains.

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Color

CIELCh(39, 125.781, 309.846)

Conversions

Conversions Part 1

Format	Color
Hex	6C0BFF
RGB	108, 11, 255
RGB Percent	42%, 4%, 100%
CMY	0.5762, 0.9563, 0.0000
CMYK	0.58, 0.96, 0.00, 0.00
HSL	264°, 100%, 52%
HSV	264°, 96%, 100%
XYZ	24.3734, 10.6589, 95.4300
YIQ	67.8190, -20.5120, 96.4480

Conversions

Conversions Part 2

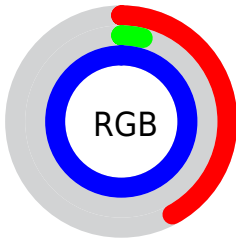
Format	Color
R _Y B	108, 11, 255
Decimal	7080959
CIE Lab	39.00, 80.59, -96.57
CIE LCh	39, 125.781, 309.846
Yxy	10.6589, 0.1868, 0.0817
Android (android.graphics.Color)	4285271039 (0xFF6C0BFF)
YUV	67.8190, 92.2802, 35.2387
Hunter-Lab	32.6480, 76.1253, -150.4507

Details

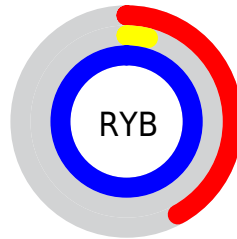
The CIELCh color **39, 125.781, 309.846** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **91, 104.386, 124.030**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 97.266, 313.202**, and **24, 109.696, 306.329** is the 20% darker color. If you saturate the color by 10%, you get **38, 127.807, 309.614**, and if you desaturate by 10%, it is **42, 118.869, 310.158**.

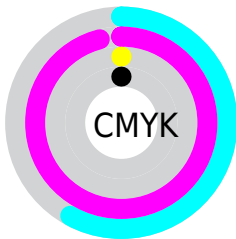
Distribution



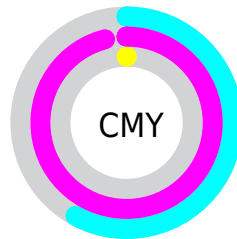
- Red (42%)
- Green (4%)
- Blue (100%)



- Red (42%)
- Yellow (4%)
- Blue (100%)



- Cyan (58%)
- Magenta (96%)
- Yellow (0%)
- Black (0%)





- Cyan (58%)
- Magenta (96%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 125.781, 309.846 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 39, 125.781, 309.846 by changing the saturation by 10% instead.


 39, 125.781,
309.846


 39, 125.781,
309.846

 100, 125.781,
309.846


 29, 125.781,
309.846


 59, 125.781,
309.846


 19, 125.781,
309.846


 69, 125.781,
309.846

 9, 125.781,
309.846

 79, 125.781,
309.846

 0, 125.781,
309.846

 89, 125.781,
309.846

 99, 125.781,
309.846

■ 39, 125.781,
309.846

■ 39, 125.781,
309.846

■ 38, 127.807,
309.614

■ 42, 118.869,
310.158

■ 47, 108.288,
310.010

■ 53, 95.193,
309.549

■ 59, 80.743,
308.917

■ 66, 65.763,
308.218

■ 74, 50.754,
307.517

■ 81, 35.990,
306.851

■ 88, 21.608,

306.238

 96, 7.665, 305.680

Harmonies

Complementary

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



39, 125.781, 309.846



91, 104.386, 124.030

Rectangle

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



39, 125.781, 309.846



39, 125.781, 359.846



39, 125.781, 129.846



39, 125.781, 179.846

Sweetspot

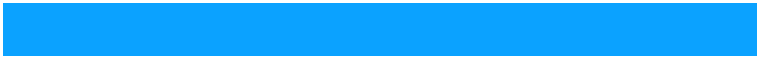
The Sweet Spot groups the original color and five complimentary colors.



39, 125.757, 309.849



78, 40.923, 307.070



64, 55.828, 268.845



39, 28.252, 307.355



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



39, 125.757, 309.849



38, 127.807, 309.614



56, 115.681, 323.782



49, 7.781, 305.891



28, 102.725, 309.797



5, 44.894, 310.127

Inverse Universe

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



56, 87.127, 352.017



56, 87.186, 353.363



88, 117.877, 135.507



50, 6.849, 339.202



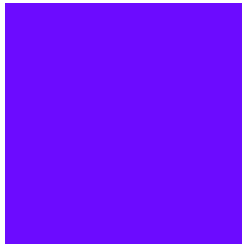
42, 70.437, 352.765



11, 33.190, 348.780

Previews

White Background



This preview shows how the CIELCh color 39, 125.781, 309.846 looks on a white background.

Color Contrast Check

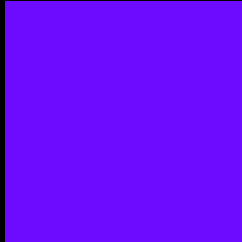
Large Text (above 18pt) WCAG AA ✓ Pass

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 39, 125.781, 309.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

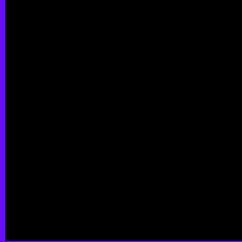
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 125.781, 309.846

Background



This preview shows how black text looks on a background with the CIELCh color 39, 125.781, 309.846.



This preview shows how white text looks on a background with the CIELCh color 39, 125.781, 309.846.

309.846.

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


39, 125.781, 309.846

Protanopia

39, 60.055, 286.384

Deuteranopia

39, 41.223, 272.065



Tritanopia
39, 17.400, 216.174

Trichromacy



Original Color
39, 125.781, 309.846

Protanomaly
35, 91.468, 300.518

Deuteranomaly
34, 79.225, 298.358

Tritanomaly
34, 58.462, 299.697

Monochromacy



Original Color
39, 125.781, 309.846

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 56.959, 309.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 125.781, 309.846 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(108, 11, 255)` looks like.

```
.text, #text, p{  
    color:rgb(108, 11, 255)  
}
```

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(108, 11, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 11, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 125.781, 309.846 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(108, 11, 255) }
```

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

```
.border{ border-color:rgb(108, 11, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 11, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 11, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 11, 255);  
box-shadow:4px 4px 4px 4px rgb(108, 11,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 125.781, 309.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 11, 255) }
```

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

```
.background{ background-color: rgb(108, 11,  
255) }
```

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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