

Converting Colors

CIELCh(39, 126.520, 310.523)

Have a look what the booklet for
CIELCh(39, 126.520, 310.523)
contains.

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Color

CIELCh(39, 126.173, 310.502)

Conversions

Conversions Part 1

Format	Color
Hex	7100FE
RGB	113, 0, 254
RGB Percent	44%, 0%, 100%
CMY	0.5570, 1.0000, 0.0041
CMYK	0.56, 1.00, 0.00, 0.00
HSL	267°, 100%, 50%
HSV	267°, 100%, 100%
XYZ	24.6867, 10.6589, 94.4893
YIQ	62.7430, -14.1860, 102.9500

Conversions

Conversions Part 2

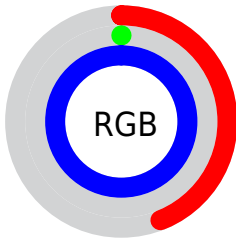
Format	Color
R_{YB}	113, 0, 254
Decimal	7405822
CIE _{Lab}	39.00, 81.95, -95.94
CIE _{LCh}	39, 126.173, 310.502
Yxy	10.6589, 0.1901, 0.0821
Android (android.graphics.Color)	4285595902 (0xFF7100FE)
YUV	62.7430, 94.2897, 44.0754
Hunter-Lab	32.6480, 77.8378, -148.7424

Details

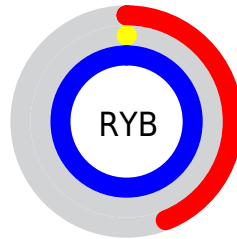
The CIELCh color **39, 126.173, 310.502** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **90, 107.111, 126.422**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 98.173, 314.190**, and **24, 108.983, 306.735** is the 20% darker color. If you saturate the color by 10%, you get **39, 126.160, 310.500**, and if you desaturate by 10%, it is **42, 120.987, 311.063**.

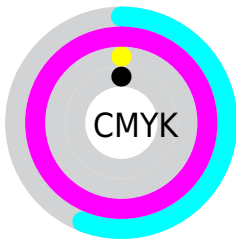
Distribution



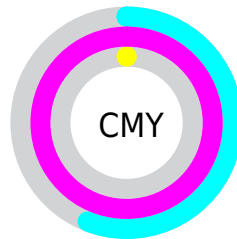
- Red (44%)
- Green (0%)
- Blue (100%)



- Red (44%)
- Yellow (0%)
- Blue (100%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (100%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 126.173, 310.502 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, 126.173, 310.502 by changing the saturation by 10% instead.


 39, 126.173,
310.502


 39, 126.173,
310.502


 100, 126.173,
310.502


 29, 126.173,
310.502


 59, 126.173,
310.502


 19, 126.173,
310.502


 69, 126.173,
310.502

 9, 126.173,
310.502

 79, 126.173,
310.502

 0, 126.173,
310.502

 89, 126.173,
310.502

 99, 126.173,
310.502

■ 39, 126.173,
310.502

■ 39, 126.173,
310.502

■ 39, 126.160,
310.500

■ 42, 120.987,
311.063

■ 46, 112.287,
311.209

■ 51, 100.541,
310.986

■ 57, 86.890,
310.529

■ 64, 72.285,
309.951

■ 71, 57.367,
309.330

■ 78, 42.519,
308.714

■ 85, 27.950,

308.130

■ 92, 13.766,
307.591

Harmonies

Complementary

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



39, 126.173, 310.502



90, 107.111, 126.422

Rectangle

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



39, 126.173, 310.502



39, 126.173, 0.502



39, 126.173, 130.502



39, 126.173, 180.502

Sweetspot

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



39, 126.160, 310.500



78, 42.660, 308.714



59, 63.967, 277.739



38, 29.261, 308.971



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, 126.160, 310.500



39, 126.554, 310.498



57, 115.664, 325.577



49, 7.846, 307.566



29, 101.726, 310.689



6, 44.921, 311.377

Inverse Universe

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



55, 85.397, 357.659



55, 85.659, 357.668



87, 119.078, 135.815



50, 6.627, 341.512



41, 69.160, 356.961



11, 32.496, 352.234

Previews

White Background



This preview shows how the CIE LCh color 39, 126.173, 310.502 looks on a white background.

Color Contrast Check

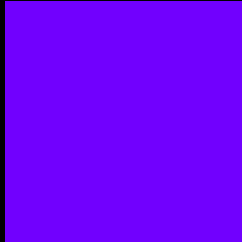
Large Text (above 18pt) WCAG AA ✓ Pass

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, 126.173, 310.502 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, 126.173, 310.502

Background



This preview shows how black text looks on a background with the CIELCh color 39, 126.173, 310.502.



This preview shows how white text looks on a background with the CIELCh color 39, 126.173, 310.502.

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, 126.173, 310.502

Protanopia

39, 59.987, 286.148

Deuteranopia

39, 41.738, 272.287



Tritanopia
40, 14.211, 218.177

Trichromacy



Original Color
39, 126.173, 310.502

Protanomaly
34, 93.792, 301.423

Deuteranomaly
33, 82.278, 299.609

Tritanomaly
34, 60.386, 303.334

Monochromacy



Original Color
39, 126.173, 310.502

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 59.001, 310.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 126.173, 310.502 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(113, 0, 254)` looks like.

```
.text, #text, p{  
    color:rgb(113, 0, 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(113, 0, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 0, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 126.173, 310.502 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(113, 0, 254) }
```

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

```
.border{ border-color:rgb(113, 0, 254) }
```

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

Here you see how a box with a 4 pixel rgb(113, 0, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 0, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 0, 254);  
box-shadow:4px 4px 4px 4px rgb(113, 0,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 126.173, 310.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 0, 254) }
```

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

```
.background{ background-color: rgb(113, 0,  
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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