

Converting Colors

CIELCh(39, 124.233, 309.178)

Have a look what the booklet for
CIELCh(39, 124.233, 309.178)
contains.

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Color

CIELCh(39, 124.409, 309.134)

Conversions

Conversions Part 1

Format	Color
Hex	6716FF
RGB	103, 22, 255
RGB Percent	40%, 9%, 100%
CMY	0.5965, 0.9144, 0.0004
CMYK	0.60, 0.91, 0.00, 0.00
HSL	261°, 100%, 54%
HSV	261°, 91%, 100%
XYZ	23.8996, 10.6589, 95.3250
YIQ	72.7810, -26.5170, 89.6350

Conversions

Conversions Part 2

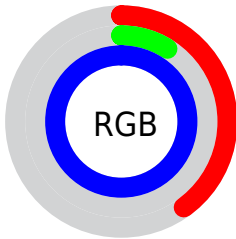
Format	Color
R_{YB}	103, 22, 255
Decimal	6756095
CIE _{Lab}	39.00, 78.52, -96.50
CIE _{LCh}	39, 124.409, 309.134
Yxy	10.6589, 0.1840, 0.0821
Android (android.graphics.Color)	4284946175 (0xFF6716FF)
YUV	72.7810, 89.8340, 26.5021
Hunter-Lab	32.6480, 73.5345, -150.2600

Details

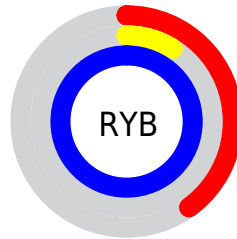
The CIELCh color **39, 124.409, 309.134** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **92, 101.238, 121.446**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 95.294, 312.173**, and **24, 110.190, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **37, 129.019, 308.808**, and if you desaturate by 10%, it is **43, 115.514, 309.100**.

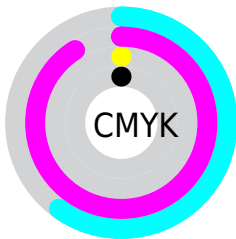
Distribution



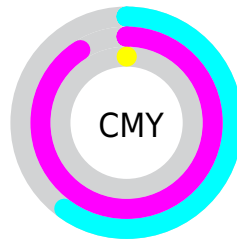
- Red (40%)
- Green (9%)
- Blue (100%)



- Red (40%)
- Yellow (9%)
- Blue (100%)



- Cyan (60%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)





- Cyan (60%)
- Magenta (91%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 124.409, 309.134 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, 124.409, 309.134 by changing the saturation by 10% instead.


 39, 124.409,
309.134


 39, 124.409,
309.134


 100, 124.409,
309.134


 29, 124.409,
309.134


 59, 124.409,
309.134


 19, 124.409,
309.134


 69, 124.409,
309.134

 9, 124.409,
309.134

 79, 124.409,
309.134

 0, 124.409,
309.134

 89, 124.409,
309.134

 99, 124.409,
309.134

■ 39, 124.409,
309.134

■ 39, 124.409,
309.134

■ 37, 129.019,
308.808

■ 43, 115.514,
309.100

■ 49, 103.343,
308.652

■ 55, 89.250,
307.961

■ 62, 74.307,
307.165

■ 69, 59.184,
306.353

■ 76, 44.249,
305.577

■ 84, 29.684,
304.864

■ 91, 15.569,

304.221

99, 1.927, 303.619

Harmonies

Complementary

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



39, 124.409, 309.134



92, 101.238, 121.446

Rectangle

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



39, 124.409, 309.134



39, 124.409, 359.134



39, 124.409, 129.134



39, 124.409, 179.134

Sweetspot

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



39, 124.410, 309.135



80, 37.752, 305.253



69, 49.499, 258.751



40, 25.578, 305.502



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, 124.410, 309.135



37, 129.056, 308.808



54, 115.018, 322.138



49, 7.720, 304.106



27, 103.728, 308.978



5, 44.833, 308.862

Inverse Universe

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



57, 89.120, 347.008



56, 89.370, 349.112



88, 115.515, 134.907



50, 7.094, 336.937



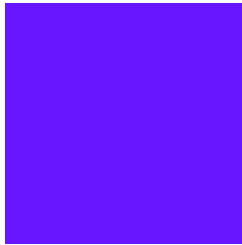
42, 72.222, 348.625



11, 34.060, 345.383

Previews

White Background



This preview shows how the CIE LCh color 39, 124.409, 309.134 looks on a white background.

Color Contrast Check

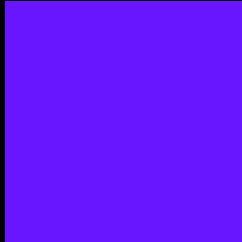
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124.409, 309.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

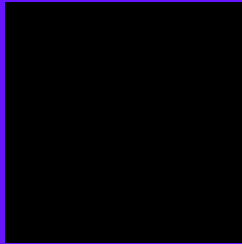
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 39, 124.409, 309.134

Background



This preview shows how black text looks on a background with the CIELCh color 39, 124.409, 309.134.



This preview shows how white text looks on a background with the CIELCh color 39, 124.409, 309.134.

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, 124.409, 309.134

Protanopia

39, 59.493, 286.133

Deuteranopia

39, 41.224, 272.385



Tritanopia
39, 20.699, 212.753

Trichromacy



Original Color
39, 124.409, 309.134

Protanomaly
36, 88.534, 299.483

Deuteranomaly
35, 76.765, 297.281

Tritanomaly
34, 55.887, 295.440

Monochromacy



Original Color
39, 124.409, 309.134

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 54.186, 307.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 124.409, 309.134 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(103, 22, 255)` looks like.

```
.text, #text, p{  
    color:rgb(103, 22, 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(103, 22, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 22, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 124.409, 309.134 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(103, 22, 255) }
```

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

```
.border{ border-color:rgb(103, 22, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 22, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 22, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 22, 255);  
box-shadow:4px 4px 4px 4px rgb(103, 22,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 124.409, 309.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 22, 255) }
```

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

```
.background{ background-color: rgb(103, 22,  
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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