

Converting Colors

CIELCh(39, 122.350, 307.748)

Have a look what the booklet for
CIELCh(39, 122.350, 307.748)
contains.

CIELCh(39, 122.216, 307.746)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(39, 122.216, 307.746)

Conversions

Conversions Part 1

Format	Color
Hex	5C22FF
RGB	92, 34, 255
RGB Percent	36%, 13%, 100%
CMY	0.6387, 0.8663, 0.0000
CMYK	0.64, 0.87, 0.00, 0.00
HSL	256°, 100%, 57%
HSV	256°, 87%, 100%
XYZ	23.0681, 10.6589, 95.5338
YIQ	76.5360, -36.3730, 81.0270

Conversions

Conversions Part 2

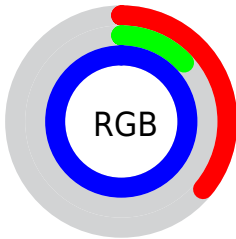
Format	Color
R _Y B	92, 34, 255
Decimal	6038271
CIE Lab	39.00, 74.82, -96.64
CIE LCh	39, 122.216, 307.746
Yxy	10.6589, 0.1785, 0.0825
Android (android.graphics.Color)	4284228351 (0xFF5C22FF)
YUV	76.5360, 87.9828, 13.5619
Hunter-Lab	32.6480, 68.9885, -150.6391

Details

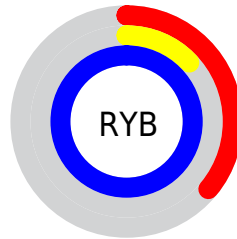
The CIELCh color **39, 122.216, 307.746** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **93, 96.797, 117.138**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 92.741, 310.142**, and **24, 110.190, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **36, 129.251, 307.770**, and if you desaturate by 10%, it is **44, 110.959, 307.197**.

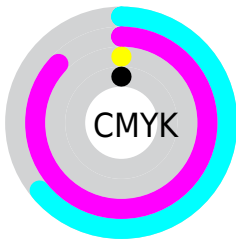
Distribution



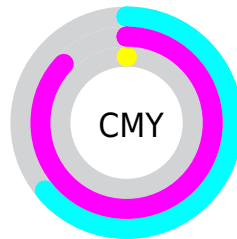
- Red (36%)
- Green (13%)
- Blue (100%)



- Red (36%)
- Yellow (13%)
- Blue (100%)



- Cyan (64%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)




- Cyan (64%)
- Magenta (87%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 122.216, 307.746 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, 122.216, 307.746 by changing the saturation by 10% instead.


 39, 122.216,
307.746


 39, 122.216,
307.746


 100, 122.216,
307.746


 29, 122.216,
307.746


 59, 122.216,
307.746


 19, 122.216,
307.746


 69, 122.216,
307.746

 9, 122.216,
307.746

 79, 122.216,
307.746

 0, 122.216,
307.746

 89, 122.216,
307.746

 99, 122.216,
307.746

■ 39, 122.216,
307.746

■ 39, 122.216,
307.746

■ 36, 129.251,
307.770

■ 44, 110.959,
307.197

■ 35, 130.939,
307.715

■ 50, 97.141,
306.310

■ 57, 82.117,
305.277

■ 64, 66.789,
304.226

■ 72, 51.634,
303.230

■ 79, 36.877,
302.322

■ 87, 22.609,
301.515

■ 95, 8.850, 300.806

100, 0.012,
296.813

Harmonies

Complementary

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



39, 122.216, 307.746



93, 96.797, 117.138

Rectangle

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



39, 122.216, 307.746



39, 122.216, 357.746



39, 122.216, 127.746



39, 122.216, 177.746

Sweetspot

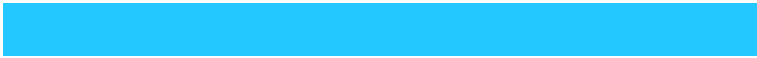
The Sweet Spot groups the original color and five complimentary colors.



39, 122.172, 307.749



80, 35.970, 302.269



75, 43.631, 241.206



40, 24.536, 302.570



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, 122.172, 307.749



35, 130.939, 307.715



53, 113.828, 319.543



49, 7.632, 301.001



25, 105.259, 307.855



4, 44.683, 306.858

Inverse Universe

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



58, 93.076, 340.493



57, 94.279, 342.586



89, 111.134, 133.481



50, 7.538, 333.422



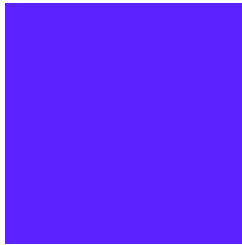
43, 76.174, 342.269



11, 35.830, 340.150

Previews

White Background



This preview shows how the CIE LCh color 39, 122.216, 307.746 looks on a white background.

Color Contrast Check

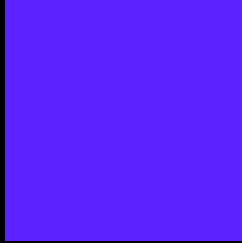
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 39, 122.216, 307.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

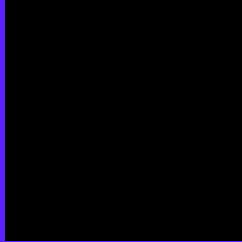
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 122.216, 307.746

Background



This preview shows how black text looks on a background with the CIELCh color 39, 122.216, 307.746.



This preview shows how white text looks on a background with the CIELCh color 39, 122.216, 307.746.

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, 122.216, 307.746

Protanopia

39, 59.561, 286.372

Deuteranopia

39, 41.224, 272.385



Tritanopia
39, 24.524, 208.343

Trichromacy



Original Color
39, 122.216, 307.746

Protanomaly
36, 86.176, 298.544

Deuteranomaly
36, 74.201, 295.851

Tritanomaly
35, 53.054, 288.708

Monochromacy



Original Color
39, 122.216, 307.746

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 51.274, 305.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 122.216, 307.746 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(92, 34, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 34, 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(92, 34, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 34, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 122.216, 307.746 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(92, 34, 255) }
```

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

```
.border{ border-color:rgb(92, 34, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 34, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 34, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 34, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 34,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 122.216, 307.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 34, 255) }
```

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

```
.background{ background-color: rgb(92, 34,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor