

Converting Colors

CIELCh(39, 121.956, 307.678)

Have a look what the booklet for
CIELCh(39, 121.956, 307.678)
contains.

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Color

CIELCh(39, 121.902, 307.682)

Conversions

Conversions Part 1

Format	Color
Hex	5C23FF
RGB	92, 35, 255
RGB Percent	36%, 14%, 100%
CMY	0.6402, 0.8636, 0.0008
CMYK	0.64, 0.86, 0.00, 0.00
HSL	256°, 100%, 57%
HSV	256°, 86%, 100%
XYZ	23.0016, 10.6589, 95.2870
YIQ	77.1230, -36.6480, 80.5040

Conversions

Conversions Part 2

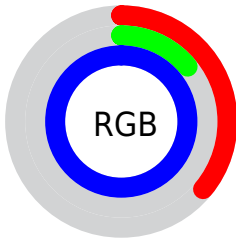
Format	Color
R _Y B	92, 35, 255
Decimal	6038527
CIE Lab	39.00, 74.52, -96.48
CIE LCh	39, 121.902, 307.682
Yxy	10.6589, 0.1784, 0.0827
Android (android.graphics.Color)	4284228607 (0xFF5C23FF)
YUV	77.1230, 87.6934, 13.0471
Hunter-Lab	32.6480, 68.6250, -150.1910

Details

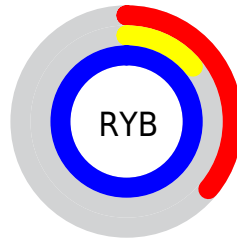
The CIELCh color **39, 121.902, 307.682** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **93, 96.515, 116.941**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 92.196, 310.025**, and **24, 110.190, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **36, 129.112, 307.733**, and if you desaturate by 10%, it is **44, 110.581, 307.105**.

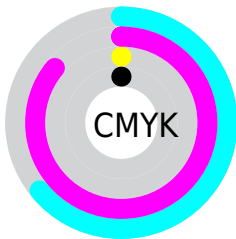
Distribution



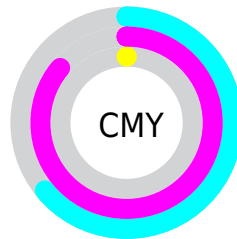
- Red (36%)
- Green (14%)
- Blue (100%)



- Red (36%)
- Yellow (14%)
- Blue (100%)



- Cyan (64%)
- Magenta (86%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (86%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 121.902, 307.682 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, 121.902, 307.682 by changing the saturation by 10% instead.


 39, 121.902,
307.682


 39, 121.902,
307.682


 100, 121.902,
307.682


 29, 121.902,
307.682


 59, 121.902,
307.682


 19, 121.902,
307.682


 69, 121.902,
307.682

 9, 121.902,
307.682

 79, 121.902,
307.682

 0, 121.902,
307.682

 89, 121.902,
307.682

 99, 121.902,
307.682

■ 39, 121.902,
307.682

■ 39, 121.902,
307.682

■ 36, 129.112,
307.733

■ 44, 110.581,
307.105

■ 35, 130.936,
307.676

■ 50, 96.698,
306.197

■ 57, 81.649,
305.149

■ 64, 66.320,
304.087

■ 72, 51.180,
303.083

■ 80, 36.446,
302.171

■ 87, 22.204,
301.360

■ 95, 8.473, 300.648

100, 0.088,
109.293

Harmonies

Complementary

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



39, 121.902, 307.682



93, 96.515, 116.941

Rectangle

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



39, 121.902, 307.682



39, 121.902, 357.682



39, 121.902, 127.682



39, 121.902, 177.682

Sweetspot

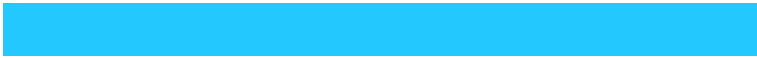
The Sweet Spot groups the original color and five complimentary colors.



39, 121.903, 307.683



80, 35.958, 302.141



75, 43.549, 241.092



40, 24.529, 302.444



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, 121.903, 307.683



35, 131.013, 307.675



53, 113.603, 319.553



49, 7.629, 300.863



25, 105.320, 307.813



4, 44.676, 306.776

Inverse Universe

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



58, 93.179, 340.232



57, 94.524, 342.322



89, 110.898, 133.473



50, 7.558, 333.278



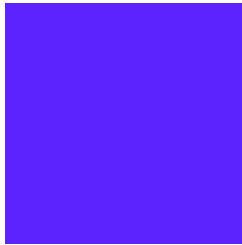
43, 76.370, 342.011



11, 35.916, 339.936

Previews

White Background



This preview shows how the CIELCh color 39, 121.902, 307.682 looks on a white background.

Color Contrast Check

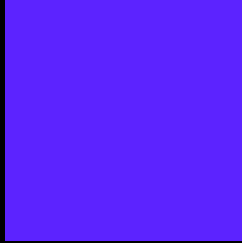
Large Text (above 18pt) WCAG AA ✓ Pass

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, 121.902, 307.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

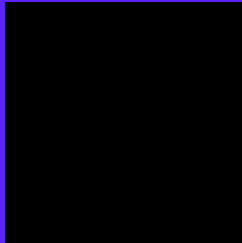
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 121.902, 307.682

Background



This preview shows how black text looks on a background with the CIELCh color 39, 121.902, 307.682.



This preview shows how white text looks on a background with the CIELCh color 39, 121.902, 307.682.

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, 121.902, 307.682

Protanopia

39, 59.561, 286.372

Deuteranopia

39, 41.224, 272.385



Tritanopia
39, 24.524, 208.343

Trichromacy



Original Color
39, 121.902, 307.682

Protanomaly
36, 85.561, 298.245

Deuteranomaly
36, 74.216, 295.779

Tritanomaly
34, 53.072, 288.574

Monochromacy



Original Color
39, 121.902, 307.682

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 50.595, 304.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 121.902, 307.682 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, 35, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 35, 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, 35, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 35, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 121.902, 307.682 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, 35, 255) }
```

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

```
.border{ border-color:rgb(92, 35, 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, 35, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 35, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 35, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 35,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 121.902, 307.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 35, 255) }
```

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

```
.background{ background-color: rgb(92, 35,  
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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