

Converting Colors

CIELCh(39, 117.678, 304.325)

Have a look what the booklet for
CIELCh(39, 117.678, 304.325)
contains.

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Color

CIELCh(39, 117.156, 304.281)

Conversions

Conversions Part 1

Format	Color
Hex	3B34FF
RGB	59, 52, 255
RGB Percent	23%, 20%, 100%
CMY	0.7667, 0.7952, 0.0000
CMYK	0.77, 0.80, 0.00, 0.00
HSL	242°, 100%, 60%
HSV	242°, 80%, 100%
XYZ	21.1642, 10.6589, 95.7796
YIQ	77.2350, -60.9910, 64.6170

Conversions

Conversions Part 2

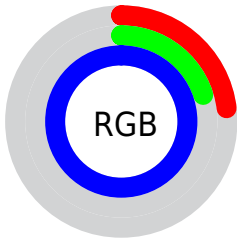
Format	Color
R_{YB}	59, 52, 255
Decimal	3880191
CIE _{Lab}	39.00, 65.99, -96.80
CIE _{LCh}	39, 117.156, 304.281
Yxy	10.6589, 0.1659, 0.0835
Android (android.graphics.Color)	4282070271 (0xFF3B34FF)
YUV	77.2350, 87.6381, -15.9921
Hunter-Lab	32.6480, 58.5794, -151.0856

Details

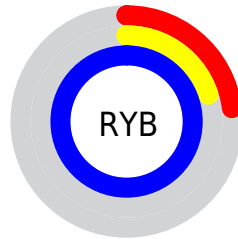
The CIELCh color **39, 117.156, 304.281** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **97, 89.738, 105.301**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 86.125, 304.440**, and **24, 110.190, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **35, 127.793, 305.649**, and if you desaturate by 10%, it is **45, 102.743, 302.406**.

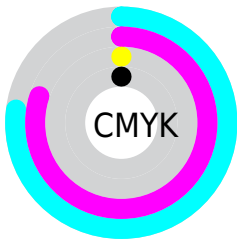
Distribution



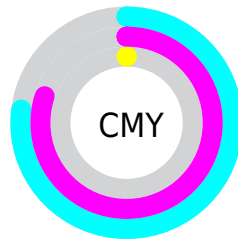
- Red (23%)
- Green (20%)
- Blue (100%)



- Red (23%)
- Yellow (20%)
- Blue (100%)



- Cyan (77%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)





- Cyan (77%)
- Magenta (80%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 117.156, 304.281 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, 117.156, 304.281 by changing the saturation by 10% instead.


 39, 117.156,
304.281


 39, 117.156,
304.281


 100, 117.156,
304.281


 29, 117.156,
304.281


 59, 117.156,
304.281


 19, 117.156,
304.281


 69, 117.156,
304.281

 9, 117.156,
304.281

 79, 117.156,
304.281

 0, 117.156,
304.281

 89, 117.156,
304.281

 99, 117.156,
304.281

■ 39, 117.156,
304.281

■ 39, 117.156,
304.281

■ 35, 127.793,
305.649

■ 45, 102.743,
302.406

■ 33, 133.452,
306.328

■ 52, 87.011,
300.361

■ 32, 133.661,
306.358

■ 60, 71.099,
298.380

■ 68, 55.574,
296.584

■ 76, 40.631,
295.014

■ 84, 26.304,
293.667

■ 92, 12.569,
292.522

100, 0.012,

Harmonies

Complementary

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



39, 117.156, 304.281



97, 89.738, 105.301

Rectangle

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



39, 117.156, 304.281



39, 117.156, 354.281



39, 117.156, 124.281



39, 117.156, 174.281

Sweetspot

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



39, 117.028, 304.278



80, 32.651, 294.244



90, 45.980, 201.056



40, 22.601, 294.734



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, 117.028, 304.278



33, 131.442, 306.084



49, 111.034, 313.433



49, 7.508, 292.521



23, 107.602, 306.388



3, 44.214, 302.483

Inverse Universe

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



62, 105.719, 329.277



60, 111.617, 329.644



91, 99.790, 127.629



50, 8.839, 325.923



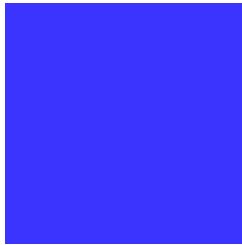
45, 90.503, 329.711



12, 41.777, 329.527

Previews

White Background



This preview shows how the CIELCh color 39, 117.156, 304.281 looks on a white background.

Color Contrast Check

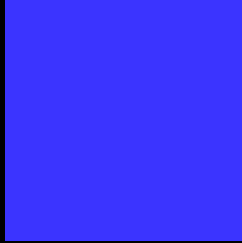
Large Text (above 18pt) WCAG AA ✓ Pass

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, 117.156, 304.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

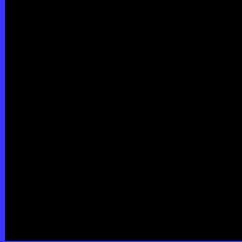
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 117.156, 304.281

Background



This preview shows how black text looks on a background with the CIELCh color 39, 117.156, 304.281.

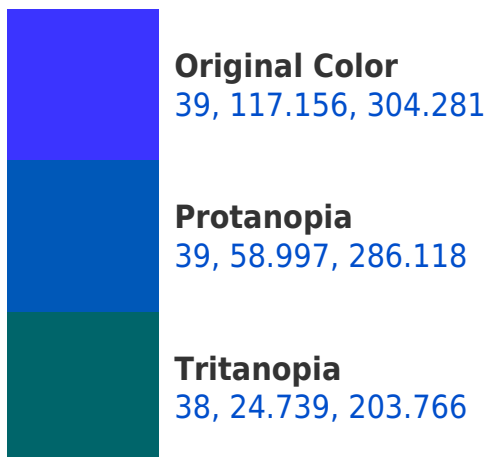


This preview shows how white text looks on a background with the CIELCh color 39, 117.156, 304.281.

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



Trichromacy



Original Color
39, 117.156, 304.281

Protanomaly
38, 81.867, 296.151

Tritanomaly
36, 48.290, 283.187

Monochromacy



Original Color
39, 117.156, 304.281

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 45.826, 298.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 117.156, 304.281 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(59, 52, 255)` looks like.

```
.text, #text, p{  
    color:rgb(59, 52, 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(59, 52, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 52, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 117.156, 304.281 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(59, 52, 255) }
```

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

```
.border{ border-color:rgb(59, 52, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 52, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 52, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 52, 255);  
box-shadow:4px 4px 4px 4px rgb(59, 52,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 117.156, 304.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 52, 255) }
```

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

```
.background{ background-color: rgb(59, 52,  
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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