

Converting Colors

CIELCh(39, 108.505, 303.133)

Have a look what the booklet for
CIELCh(39, 108.505, 303.133)
contains.

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Color

CIELCh(39, 108.858, 303.221)

Conversions

Conversions Part 1

Format	Color
Hex	3B3BF5
RGB	59, 59, 245
RGB Percent	23%, 23%, 96%
CMY	0.7683, 0.7685, 0.0390
CMYK	0.76, 0.76, 0.00, 0.04
HSL	240°, 90%, 60%
HSV	240°, 76%, 96%
XYZ	19.8619, 10.6589, 87.4315
YIQ	80.2040, -59.7060, 57.8460

Conversions

Conversions Part 2

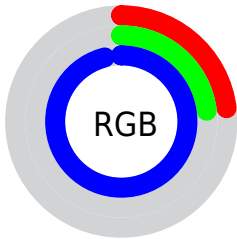
Format	Color
R _Y B	59, 59, 245
Decimal	3881973
CIE Lab	39.00, 59.64, -91.07
CIE LCh	39, 108.858, 303.221
Yxy	10.6589, 0.1684, 0.0904
Android (android.graphics.Color)	4282072053 (0xFF3B3BF5)
YUV	80.2040, 81.2444, -18.5959
Hunter-Lab	32.6480, 51.4589, -135.9250

Details

The CIELCh color **39, 108.858, 303.221** 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 **94, 84.560, 103.568**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 83.148, 303.189**, and **23, 104.060, 305.781** is the 20% darker color. If you saturate the color by 10%, you get **34, 120.865, 304.989**, and if you desaturate by 10%, it is **45, 94.206, 301.060**.

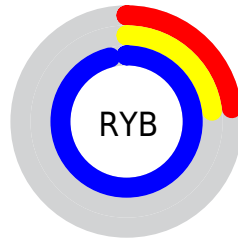
Distribution



 Red (23%)

 Green (23%)

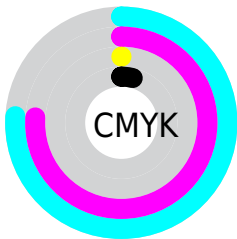
 Blue (96%)



 Red (23%)

 Yellow (23%)

 Blue (96%)

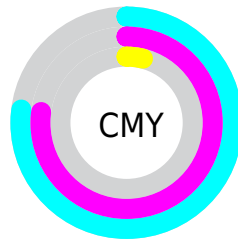


 Cyan (76%)

 Magenta (76%)

 Yellow (0%)

 Black (4%)



 Cyan (77%)


 Magenta (77%)


 Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 108.858, 303.221 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, 108.858, 303.221 by changing the saturation by 10% instead.


 39, 108.858,
303.221


 39, 108.858,
303.221


 100, 108.858,
303.221


 29, 108.858,
303.221


 59, 108.858,
303.221


 19, 108.858,
303.221


 69, 108.858,
303.221

 9, 108.858,
303.221

 79, 108.858,
303.221

 0, 108.858,
303.221

 89, 108.858,
303.221

 99, 108.858,
303.221

■ 39, 108.858,
303.221

■ 39, 108.858,
303.221

■ 34, 120.865,
304.989

■ 45, 94.206,
301.060

■ 32, 128.043,
306.030

■ 52, 78.720,
298.832

■ 31, 129.838,
306.288

■ 60, 63.359,
296.746

■ 68, 48.501,
294.895

■ 76, 34.247,
293.297

■ 84, 20.592,
291.939

■ 92, 7.500, 290.794

■ 100, 5.037,
109.786

Harmonies

Complementary

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



39, 108.858, 303.221



94, 84.560, 103.568

Rectangle

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



39, 108.858, 303.221



39, 108.858, 353.221



39, 108.858, 123.221



39, 108.858, 173.221

Sweetspot

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



39, 108.859, 303.222



81, 31.208, 292.886



88, 45.613, 196.564



40, 21.768, 293.410



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, 108.859, 303.222



34, 129.204, 305.644



48, 104.230, 312.557



47, 7.256, 291.180



22, 105.632, 306.288



3, 39.906, 299.776

Inverse Universe

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



61, 102.596, 327.949



61, 113.723, 328.190



88, 92.852, 126.388



48, 8.757, 324.953



44, 91.207, 328.244



11, 40.553, 328.243

Previews

White Background



This preview shows how the CIELCh color 39, 108.858, 303.221 looks on a white background.

Color Contrast Check

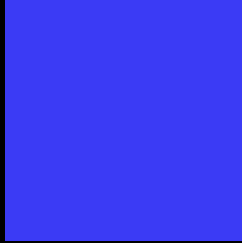
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.858, 303.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

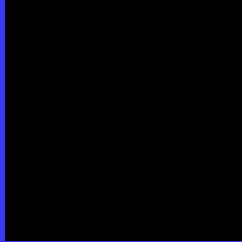
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 108.858, 303.221

Background



This preview shows how black text looks on a background with the CIELCh color 39, 108.858, 303.221.



This preview shows how white text looks on a background with the CIELCh color 39, 108.858,

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, 108.858, 303.221

Protanopia

39, 58.997, 286.118

Deuteranopia

39, 40.707, 271.836



Tritanopia
38, 24.652, 205.282

Trichromacy



Original Color
39, 108.858, 303.221

Protanomaly
38, 78.368, 295.084

Deuteranomaly
37, 66.181, 291.226

Tritanomaly
36, 44.797, 279.925

Monochromacy



Original Color
39, 108.858, 303.221

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 42.564, 296.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 108.858, 303.221 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, 59, 245)` looks like.

```
.text, #text, p{  
    color:rgb(59, 59, 245)  
}
```

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, 59, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 59, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 108.858, 303.221 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, 59, 245) }
```

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

```
.border{ border-color:rgb(59, 59, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 59, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 59, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 59, 245);  
box-shadow:4px 4px 4px 4px rgb(59, 59,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 108.858, 303.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 59, 245) }
```

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

```
.background{ background-color: rgb(59, 59,  
245) }
```

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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