

Converting Colors

CIELCh(39, 70.874, 291.544)

Have a look what the booklet for
CIELCh(39, 70.874, 291.544)
contains.

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Color

CIELCh(39, 71.093, 291.660)

Conversions

Conversions Part 1

Format	Color
Hex	0B54C9
RGB	11, 84, 201
RGB Percent	4%, 33%, 79%
CMY	0.9574, 0.6700, 0.2111
CMYK	0.95, 0.58, 0.00, 0.21
HSL	217°, 90%, 42%
HSV	217°, 95%, 79%
XYZ	13.8812, 10.6589, 56.6949
YIQ	75.5110, -81.0650, 20.9110

Conversions

Conversions Part 2

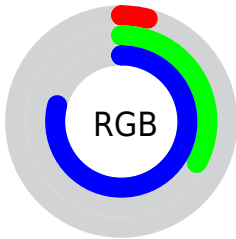
Format	Color
R_{YB}	11, 64, 201
Decimal	742601
CIE _{Lab}	39.00, 26.24, -66.07
CIE _{LCh}	39, 71.093, 291.660
Yxy	10.6589, 0.1709, 0.1312
Android (android.graphics.Color)	4278932681 (0xFF0B54C9)
YUV	75.5110, 61.8661, -56.5761
Hunter-Lab	32.6480, 18.7600, -80.1064

Details

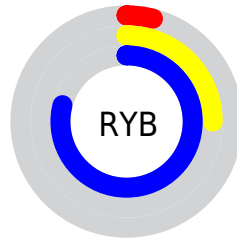
The CIELCh color **39, 71.093, 291.660** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **60, 67.404, 71.985**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 68.939, 291.185**, and **23, 68.529, 298.645** is the 20% darker color. If you saturate the color by 10%, you get **37, 75.523, 293.676**, and if you desaturate by 10%, it is **43, 62.990, 287.744**.

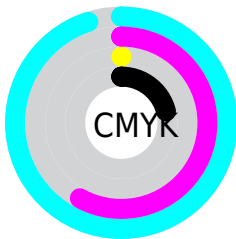
Distribution



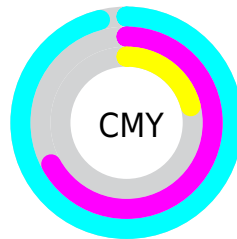
- Red (4%)
- Green (33%)
- Blue (79%)



- Red (4%)
- Yellow (25%)
- Blue (79%)



- Cyan (95%)
- Magenta (58%)
- Yellow (0%)
- Black (21%)



- Cyan (96%)
- Magenta (67%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 71.093, 291.660 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, 71.093, 291.660 by changing the saturation by 10% instead.

 39, 71.093,
291.660

 39, 71.093,
291.660

 100, 71.093,
291.660

 29, 71.093,
291.660

 59, 71.093,
291.660

 19, 71.093,
291.660

 69, 71.093,
291.660

 9, 71.093, 291.660

 79, 71.093,
291.660

 0, 71.093, 291.660

 89, 71.093,
291.660

 99, 71.093,
291.660

■ 39, 71.093,
291.660

■ 39, 71.093,
291.660

■ 37, 75.523,
293.676

■ 43, 62.990,
287.744

■ 47, 55.071,
283.965

■ 51, 47.352,
280.492

■ 55, 39.795,
277.407

■ 60, 32.354,
274.727

■ 65, 24.994,
272.429

■ 69, 17.698,
270.471

■ 74, 10.461,

268.808

■ 79, 3.286, 267.436

Harmonies

Complementary

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



39, 71.093, 291.660



60, 67.404, 71.985

Rectangle

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



39, 71.093, 291.660



39, 71.093, 341.660



39, 71.093, 111.660



39, 71.093, 161.660

Sweetspot

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



39, 71.093, 291.662



84, 24.456, 271.176



72, 64.903, 155.830



42, 16.914, 272.046



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, 71.093, 291.662



47, 91.641, 294.236



26, 108.672, 306.297



39, 4.018, 268.048



30, 63.620, 293.057



4, 15.867, 278.330

Inverse Universe

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



43, 69.862, 10.764



54, 85.318, 14.292



77, 80.538, 108.831



39, 4.836, 351.145



34, 60.841, 12.568



4, 16.952, 359.727

Previews

White Background



This preview shows how the CIE LCh color 39, 71.093, 291.660 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, 71.093, 291.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

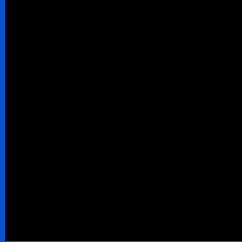
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 71.093, 291.660

Background



This preview shows how black text looks on a background with the CIELCh color 39, 71.093, 291.660.



This preview shows how white text looks on a background with the CIELCh color 39, 71.093, 291.660.

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, 71.087, 291.690

Protanopia

39, 60.688, 286.864

Deuteranopia

39, 42.266, 273.444



Tritanopia
39, 24.827, 205.203

Trichromacy



Original Color
39, 71.087, 291.690

Protanomaly
39, 64.119, 288.596

Deuteranomaly
39, 52.672, 282.627

Tritanomaly
38, 32.462, 259.622

Monochromacy



Original Color
39, 71.087, 291.690

Achromatopsia
32, 0.005, 296.813

Achromatomaly
33, 27.778, 277.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 71.093, 291.660 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(11, 84, 201)` looks like.

```
.text, #text, p{  
    color:rgb(11, 84, 201)  
}
```

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(11, 84, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 84, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 71.093, 291.660 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(11, 84, 201) }
```

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

```
.border{ border-color:rgb(11, 84, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 84, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 84, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 84, 201);  
box-shadow:4px 4px 4px 4px rgb(11, 84,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 71.093, 291.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 84, 201) }
```

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

```
.background{ background-color: rgb(11, 84,  
201) }
```

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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