

Converting Colors

CIELCh(51, 39.073, 336.120)

Have a look what the booklet for
CIELCh(51, 39.073, 336.120)
contains.

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Color

CIELCh(51, 39.073, 336.120)

Conversions

Conversions Part 1

Format	Color
Hex	A86295
RGB	168, 98, 149
RGB Percent	66%, 38%, 58%
CMY	0.3407, 0.6152, 0.4152
CMYK	0.00, 0.42, 0.11, 0.34
HSL	316°, 29%, 52%
HSV	316°, 42%, 66%
XYZ	25.9871, 19.2686, 30.8326
YIQ	124.7440, 25.3490, 30.7010

Conversions

Conversions Part 2

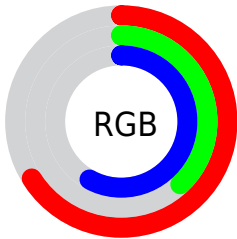
Format	Color
R _Y B	168, 98, 149
Decimal	11035285
CIE _{Lab}	51.00, 35.73, -15.82
CIE _{LCh}	51, 39.073, 336.120
Yxy	19.2686, 0.3415, 0.2532
Android (android.graphics.Color)	4289225365 (0xFFA86295)
YUV	124.7440, 11.9582, 37.9355
Hunter-Lab	43.8960, 28.8566, -10.9181

Details

The CIELCh color **51, 39.073, 336.120** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63, 38.759, 149.608**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 39.068, 336.013**, and **31, 39.208, 336.026** is the 20% darker color. If you saturate the color by 10%, you get **47, 47.655, 336.957**, and if you desaturate by 10%, it is **55, 29.900, 335.339**.

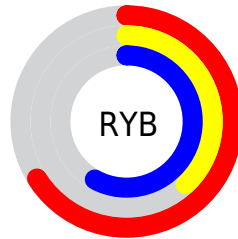
Distribution



Red (66%)

Green (38%)

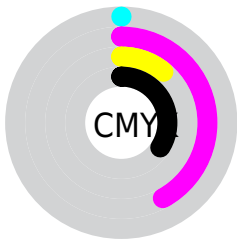
Blue (58%)



Red (66%)

Yellow (38%)

Blue (58%)

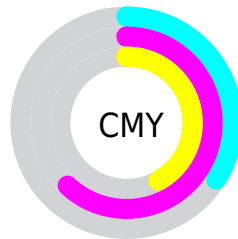


Cyan (0%)

Magenta (42%)

Yellow (11%)

Black (34%)



Cyan (34%)


Magenta (62%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 39.073, 336.120 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 51, 39.073, 336.120 by changing the saturation by 10% instead.


 51, 39.073,
336.120


 51, 39.073,
336.120


 100, 39.073,
336.120


 41, 39.073,
336.120


 71, 39.073,
336.120

 31, 39.073,
336.120

 81, 39.073,
336.120

 21, 39.073,
336.120

 91, 39.073,
336.120

 11, 39.073,
336.120

 1, 39.073, 336.120

 0, 39.073, 336.120

51, 39.073,
336.120

51, 39.073,
336.120

47, 47.655,
336.957

55, 29.900,
335.339

44, 55.261,
337.868

59, 20.451,
334.601

42, 61.454,
338.882

64, 10.946,
333.895

39, 65.832,
340.043

68, 1.534, 333.076

38, 68.161,
341.410

73, 7.692, 152.680

37, 68.934,
342.702

77, 16.681,
152.071

82, 25.406,
151.509

87, 33.863,
150.981

 92, 42.053,
150.485

Harmonies

Complementary

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



51, 39.073, 336.120



63, 38.759, 149.608

Rectangle

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



51, 39.073, 336.120



51, 39.073, 26.120



51, 39.073, 156.120



51, 39.073, 206.120

Sweetspot

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



51, 39.071, 336.120



81, 14.014, 333.936



46, 42.127, 303.734



42, 9.289, 334.022



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 39.071, 336.120



62, 57.370, 336.894



50, 30.518, 5.879



33, 5.318, 333.731



33, 62.860, 342.506



2, 9.147, 336.100

Inverse Universe

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



51, 39.071, 336.120



62, 57.370, 336.894



64, 26.084, 176.652



33, 5.318, 333.731



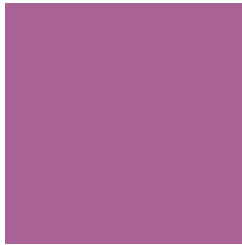
33, 62.860, 342.506



2, 9.147, 336.100

Previews

White Background



This preview shows how the CIELCh color 51, 39.073, 336.120 looks on a white background.

Color Contrast Check

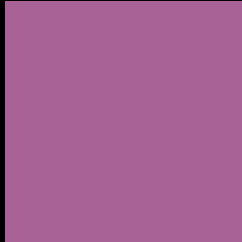
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 51, 39.073, 336.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

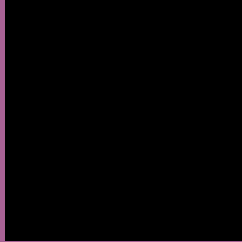
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 39.073, 336.120

Background



This preview shows how black text looks on a background with the CIELCh color 51, 39.073, 336.120.

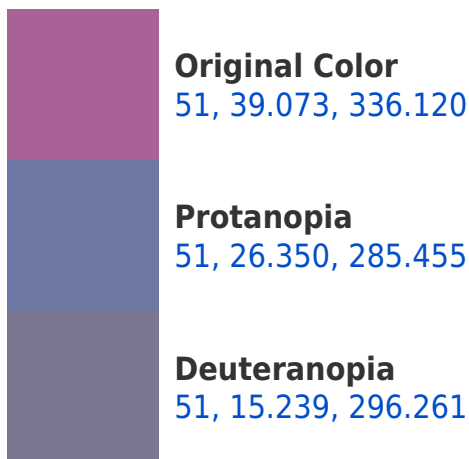


This preview shows how white text looks on a background with the CIELCh color 51, 39.073, 336.120.

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





Tritanopia
51, 25.307, 12.308

Trichromacy



Original Color
51, 39.073, 336.120

Protanomaly
50, 28.343, 306.558

Deuteranomaly
51, 23.080, 319.842

Tritanomaly
51, 28.812, 354.794

Monochromacy



Original Color
51, 39.073, 336.120

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 15.100, 334.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 39.073, 336.120 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(168, 98, 149)` looks like.

```
.text, #text, p{  
    color:rgb(168, 98, 149)  
}
```

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(168, 98, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 98, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 39.073, 336.120 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(168, 98, 149) }
```

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

```
.border{ border-color:rgb(168, 98, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 98, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 98, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 98, 149);  
box-shadow:4px 4px 4px 4px rgb(168, 98,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 39.073, 336.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 98, 149) }
```

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

```
.background{ background-color: rgb(168, 98,  
149) }
```

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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