

Converting Colors

CIELCh(39, 44.269, 345.420)

Have a look what the booklet for
CIELCh(39, 44.269, 345.420)
contains.

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Color

CIELCh(39, 44.269, 345.420)

Conversions

Conversions Part 1

Format	Color
Hex	943C6F
RGB	148, 60, 111
RGB Percent	58%, 24%, 44%
CMY	0.4199, 0.7650, 0.5650
CMYK	0.00, 0.59, 0.25, 0.42
HSL	325°, 42%, 41%
HSV	325°, 59%, 58%
XYZ	16.6761, 10.6589, 16.1971
YIQ	92.1260, 36.0770, 34.5170

Conversions

Conversions Part 2

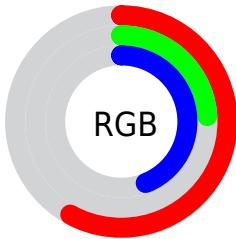
Format	Color
R_{YB}	148, 60, 111
Decimal	9714799
CIE _{Lab}	39.00, 42.84, -11.14
CIE _{LCh}	39, 44.269, 345.420
Yxy	10.6589, 0.3831, 0.2449
Android (android.graphics.Color)	4287904879 (0xFF943C6F)
YUV	92.1260, 9.3049, 49.0015
Hunter-Lab	32.6480, 34.0410, -6.5609

Details

The CIELCh color **39, 44.269, 345.420** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **55, 43.079, 153.382**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 44.122, 345.132**, and **19, 44.242, 345.535** is the 20% darker color. If you saturate the color by 10%, you get **36, 49.858, 346.958**, and if you desaturate by 10%, it is **42, 37.644, 344.123**.

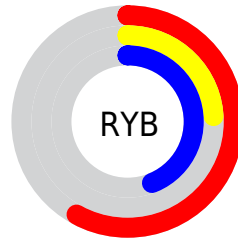
Distribution



Red (58%)

Green (24%)

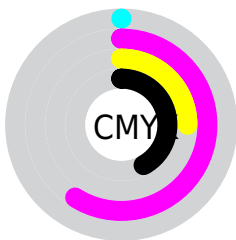
Blue (44%)



Red (58%)

Yellow (24%)

Blue (44%)

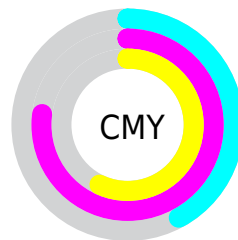


Cyan (0%)

Magenta (59%)

Yellow (25%)

Black (42%)



Cyan (42%)

Magenta (77%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 44.269, 345.420 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, 44.269, 345.420 by changing the saturation by 10% instead.


 39, 44.269,
345.420


 39, 44.269,
345.420

 100, 44.269,
345.420

 29, 44.269,
345.420

 59, 44.269,
345.420

 19, 44.269,
345.420

 69, 44.269,
345.420

 9, 44.269, 345.420

 79, 44.269,
345.420

 0, 44.269, 345.420

 89, 44.269,
345.420

 99, 44.269,
345.420

39, 44.269,
345.420

39, 44.269,
345.420

36, 49.858,
346.958

42, 37.644,
344.123

34, 54.053,
348.828

46, 30.358,
342.999

33, 56.596,
351.145

49, 22.716,
342.004

32, 57.838,
353.897

53, 14.949,
341.105

32, 57.903,
354.039

57, 7.216, 340.270

62, 0.382, 160.355

66, 7.787, 158.911

70, 14.970,
158.250

■ 74, 21.921,
157.646

Harmonies

Complementary

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



39, 44.269, 345.420



55, 43.079, 153.382

Rectangle

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



39, 44.269, 345.420



39, 44.269, 35.420



39, 44.269, 165.420



39, 44.269, 215.420

Sweetspot

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



39, 44.267, 345.421



68, 17.016, 341.008



34, 55.478, 309.575



35, 11.938, 341.239



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



39, 44.267, 345.421



46, 61.953, 347.468



38, 40.402, 21.006



29, 4.296, 340.247



29, 55.020, 353.808



1, 3.723, 339.596

Inverse Universe

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



39, 44.267, 345.421



46, 61.953, 347.468



56, 28.224, 188.159



29, 4.296, 340.247



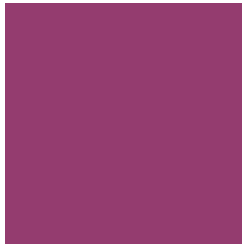
29, 55.020, 353.808



1, 3.723, 339.596

Previews

White Background



This preview shows how the CIE LCh color 39, 44.269, 345.420 looks on a white background.

Color Contrast Check

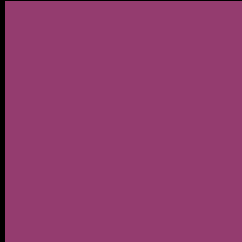
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.269, 345.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

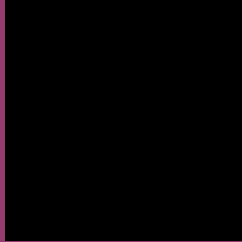
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 44.269, 345.420

Background



This preview shows how black text looks on a background with the CIELCh color 39, 44.269, 345.420.

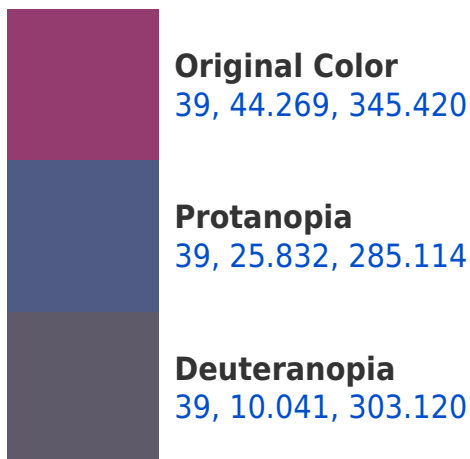


This preview shows how white text looks on a background with the CIELCh color 39, 44.269, 345.420.

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
39, 34.891, 21.542

Trichromacy



Original Color
39, 44.269, 345.420

Protanomaly
38, 29.140, 311.859

Deuteranomaly
38, 22.632, 331.362

Tritanomaly
39, 36.176, 6.214

Monochromacy



Original Color
39, 44.269, 345.420

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 17.683, 341.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 44.269, 345.420 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(148, 60, 111)` looks like.

```
.text, #text, p{  
    color:rgb(148, 60, 111)  
}
```

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(148, 60, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 60, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 44.269, 345.420 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(148, 60, 111) }
```

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

```
.border{ border-color:rgb(148, 60, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 60, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 60, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 60, 111);  
box-shadow:4px 4px 4px 4px rgb(148, 60,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 44.269, 345.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 60, 111) }
```

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

```
.background{ background-color: rgb(148, 60,  
111) }
```

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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