

Converting Colors

CIELCh(39, 46.828, 341.921)

Have a look what the booklet for
CIELCh(39, 46.828, 341.921)
contains.

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Color

CIELCh(39, 46.836, 341.963)

Conversions

Conversions Part 1

Format	Color
Hex	943A74
RGB	148, 58, 116
RGB Percent	58%, 23%, 45%
CMY	0.4182, 0.7712, 0.5438
CMYK	0.00, 0.61, 0.22, 0.42
HSL	321°, 44%, 41%
HSV	321°, 61%, 58%
XYZ	16.9802, 10.6589, 17.7861
YIQ	91.5220, 35.0220, 37.1180

Conversions

Conversions Part 2

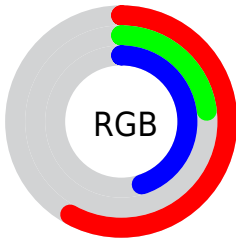
Format	Color
R_{YB}	148, 58, 116
Decimal	9714292
CIE _{Lab}	39.00, 44.53, -14.50
CIE _{LCh}	39, 46.836, 341.963
Yxy	10.6589, 0.3738, 0.2346
Android (android.graphics.Color)	4287904372 (0xFF943A74)
YUV	91.5220, 12.0677, 49.5312
Hunter-Lab	32.6480, 35.7033, -9.4466

Details

The CIELCh color **39, 46.836, 341.963** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **55, 46.384, 150.446**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 46.761, 341.862**, and **19, 45.716, 341.966** is the 20% darker color. If you saturate the color by 10%, you get **36, 52.413, 343.262**, and if you desaturate by 10%, it is **42, 40.115, 340.843**.

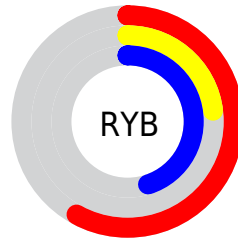
Distribution



Red (58%)

Green (23%)

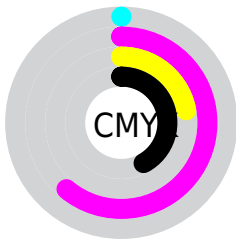
Blue (45%)



Red (58%)

Yellow (23%)

Blue (45%)

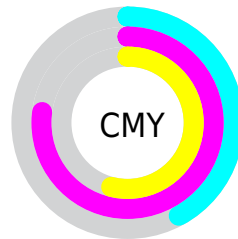


Cyan (0%)

Magenta (61%)

Yellow (22%)

Black (42%)



Cyan (42%)


Magenta (77%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 46.836, 341.963 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, 46.836, 341.963 by changing the saturation by 10% instead.


 39, 46.836,
341.963

 39, 46.836,
341.963

 100, 46.836,
341.963


 29, 46.836,
341.963

 59, 46.836,
341.963

 19, 46.836,
341.963


 69, 46.836,
341.963

 9, 46.836, 341.963

 79, 46.836,
341.963

 0, 46.836, 341.963

 89, 46.836,
341.963

 99, 46.836,
341.963

39, 46.836,
341.963

39, 46.836,
341.963

36, 52.413,
343.262

42, 40.115,
340.843

34, 56.487,
344.808

45, 32.636,
339.850

33, 58.812,
346.691

49, 24.723,
338.953

32, 59.836,
348.718


53, 16.629,
338.129

57, 8.529, 337.355

61, 0.538, 336.152

65, 7.274, 156.063

70, 14.869,
155.426

 74, 22.232,
154.841

Harmonies

Complementary

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



39, 46.836, 341.963



55, 46.384, 150.446

Rectangle

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



39, 46.836, 341.963



39, 46.836, 31.963



39, 46.836, 161.963



39, 46.836, 211.963

Sweetspot

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



39, 46.834, 341.964



69, 17.981, 337.947



33, 56.703, 307.793



35, 12.475, 338.157



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, 46.834, 341.964



47, 65.991, 343.822



38, 40.718, 16.320



29, 4.497, 337.242



30, 56.745, 348.532



1, 3.901, 336.632

Inverse Universe

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



39, 46.834, 341.964



47, 65.991, 343.822



56, 30.048, 181.600



29, 4.497, 337.242



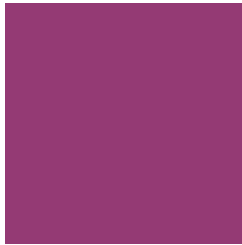
30, 56.745, 348.532



1, 3.901, 336.632

Previews

White Background



This preview shows how the CIELCh color 39, 46.836, 341.963 looks on a white background.

Color Contrast Check

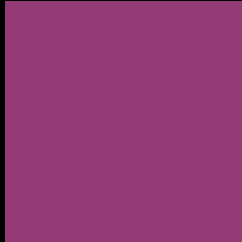
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.836, 341.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

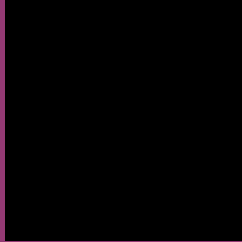
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 46.836, 341.963

Background



This preview shows how black text looks on a background with the CIELCh color 39, 46.836, 341.963.



This preview shows how white text looks on a background with the CIELCh color 39, 46.836, 341.963.

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, 46.836, 341.963

Protanopia

39, 30.728, 285.270

Deuteranopia

39, 12.258, 293.859



Tritanopia
39, 34.327, 20.428

Trichromacy



Original Color
39, 46.836, 341.963

Protanomaly
38, 33.694, 308.874

Deuteranomaly
38, 24.557, 325.146

Tritanomaly
39, 36.805, 3.823

Monochromacy



Original Color
39, 46.836, 341.963

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 18.440, 338.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 46.836, 341.963 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, 58, 116)` looks like.

```
.text, #text, p{  
    color:rgb(148, 58, 116)  
}
```

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, 58, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 58, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 46.836, 341.963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

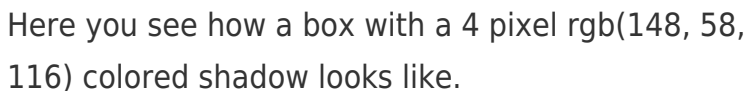
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 58, 116) }
```

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

```
.border{ border-color:rgb(148, 58, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(148, 58, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 58, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 58, 116);  
box-shadow:4px 4px 4px 4px rgb(148, 58,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 46.836, 341.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 58, 116) }
```

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

```
.background{ background-color: rgb(148, 58,  
116) }
```

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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