

Converting Colors

CIELCh(39, 44.653, 346.331)

Have a look what the booklet for
CIELCh(39, 44.653, 346.331)
contains.

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Color

CIELCh(39, 44.770, 346.321)

Conversions

Conversions Part 1

Format	Color
Hex	953B6E
RGB	149, 59, 110
RGB Percent	58%, 23%, 43%
CMY	0.4154, 0.7683, 0.5684
CMYK	0.00, 0.60, 0.26, 0.42
HSL	326°, 43%, 41%
HSV	326°, 60%, 58%
XYZ	16.7938, 10.6589, 15.9432
YIQ	91.7240, 37.2690, 34.9410

Conversions

Conversions Part 2

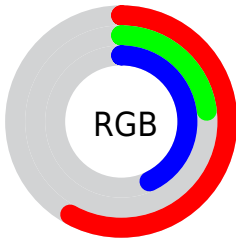
Format	Color
R_{YB}	149, 59, 110
Decimal	9780078
CIE _{Lab}	39.00, 43.50, -10.59
CIE _{LCh}	39, 44.770, 346.321
Yxy	10.6589, 0.3870, 0.2456
Android (android.graphics.Color)	4287970158 (0xFF953B6E)
YUV	91.7240, 9.0101, 50.2311
Hunter-Lab	32.6480, 34.6842, -6.0998

Details

The CIELCh color $[39, 44.770, 346.321]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[55, 43.424, 153.833]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 44.964, 346.263]$, and $[19, 44.112, 346.820]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 50.261, 347.945]$, and if you desaturate by 10%, it is $[42, 38.214, 344.962]$.

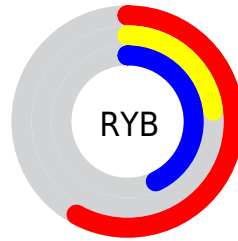
Distribution



Red (58%)

Green (23%)

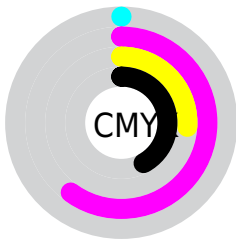
Blue (43%)



Red (58%)

Yellow (23%)

Blue (43%)

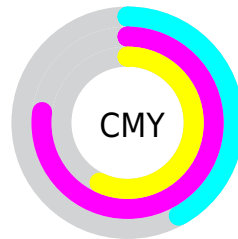


Cyan (0%)

Magenta (60%)

Yellow (26%)

Black (42%)



Cyan (42%)


Magenta (77%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 44.770, 346.321 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, 44.770, 346.321 by changing the saturation by 10% instead.


 39, 44.770,
346.321


 39, 44.770,
346.321

 100, 44.770,
346.321


 29, 44.770,
346.321

 59, 44.770,
346.321

 19, 44.770,
346.321

 69, 44.770,
346.321

 9, 44.770, 346.321

 79, 44.770,
346.321

 0, 44.770, 346.321

 89, 44.770,
346.321

 99, 44.770,
346.321

39, 44.770,
346.321

39, 44.770,
346.321

36, 50.261,
347.945

42, 38.214,
344.962

34, 54.332,
349.930

46, 30.972,
343.792

33, 56.745,
352.402

49, 23.356,
342.762

32, 57.934,
355.193

53, 15.603,
341.837

57, 7.878, 340.984

62, 0.285, 339.181

66, 7.115, 159.598

70, 14.291,
158.923

■ 74, 21.234,
158.309

Harmonies

Complementary

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



39, 44.770, 346.321



55, 43.424, 153.833

Rectangle

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



39, 44.770, 346.321



39, 44.770, 36.321



39, 44.770, 166.321



39, 44.770, 216.321

Sweetspot

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



39, 44.768, 346.322



69, 17.050, 341.661



34, 56.685, 310.104



35, 11.835, 341.895



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, 44.768, 346.322



47, 62.740, 348.513



38, 41.530, 22.475



29, 4.258, 340.886



29, 54.741, 354.926



1, 3.689, 340.227

Inverse Universe

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



39, 44.768, 346.322



47, 62.740, 348.513



57, 28.392, 189.790



29, 4.258, 340.886



29, 54.741, 354.926



1, 3.689, 340.227

Previews

White Background



This preview shows how the CIE LCh color 39, 44.770, 346.321 looks on a white background.

Color Contrast Check

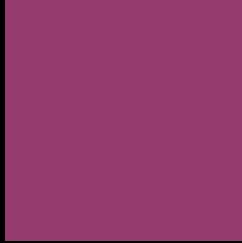
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.770, 346.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

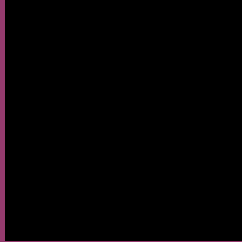
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 44.770, 346.321

Background



This preview shows how black text looks on a background with the CIELCh color 39, 44.770, 346.321.



This preview shows how white text looks on a background with the CIELCh color 39, 44.770, 346.321.

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, 44.770, 346.321

Protanopia

39, 25.832, 285.114

Deuteranopia

39, 9.538, 306.191



Tritanopia
39, 35.857, 21.871

Trichromacy



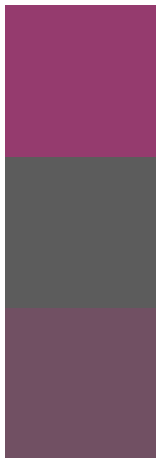
Original Color
39, 44.770, 346.321

Protanomaly
38, 29.853, 312.227

Deuteranomaly
38, 22.437, 333.274

Tritanomaly
39, 36.999, 6.934

Monochromacy



Original Color
39, 44.770, 346.321

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 17.995, 342.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 44.770, 346.321 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(149, 59, 110)` looks like.

```
.text, #text, p{  
    color:rgb(149, 59, 110)  
}
```

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(149, 59, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 59, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 44.770, 346.321 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(149, 59, 110) }
```

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

```
.border{ border-color:rgb(149, 59, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 59, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 59, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 59, 110);  
box-shadow:4px 4px 4px 4px rgb(149, 59,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 44.770, 346.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 59, 110) }
```

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

```
.background{ background-color: rgb(149, 59,  
110) }
```

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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