

Converting Colors

CIELCh(39, 34.312, 344.807)

Have a look what the booklet for
CIELCh(39, 34.312, 344.807)
contains.

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Color

CIELCh(39, 34.150, 345.020)

Conversions

Conversions Part 1

Format	Color
Hex	88466B
RGB	136, 70, 107
RGB Percent	53%, 27%, 42%
CMY	0.4670, 0.7258, 0.5807
CMYK	0.00, 0.49, 0.21, 0.47
HSL	326°, 32%, 40%
HSV	326°, 49%, 53%
XYZ	14.9762, 10.6589, 15.1579
YIQ	93.9520, 27.4590, 25.4990

Conversions

Conversions Part 2

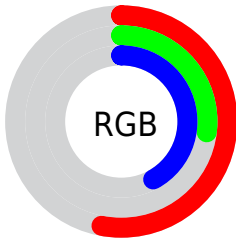
Format	Color
R_{YB}	136, 70, 107
Decimal	8930923
CIE Lab	39.00, 32.99, -8.83
CIE LCh	39, 34.150, 345.020
Yxy	10.6589, 0.3671, 0.2613
Android (android.graphics.Color)	4287121003 (0xFF88466B)
YUV	93.9520, 6.4327, 36.8761
Hunter-Lab	32.6480, 24.7469, -4.6736

Details

The CIELCh color **39, 34.150, 345.020** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **52, 32.964, 155.823**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 34.287, 345.239**, and **19, 34.389, 344.687** is the 20% darker color. If you saturate the color by 10%, you get **36, 40.384, 346.340**, and if you desaturate by 10%, it is **42, 27.353, 343.881**.

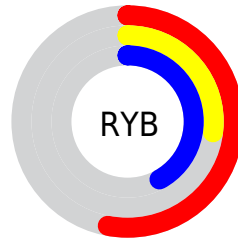
Distribution



Red (53%)

Green (27%)

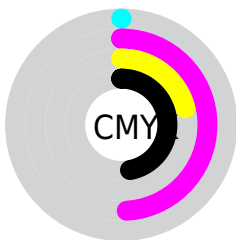
Blue (42%)



Red (53%)

Yellow (27%)

Blue (42%)

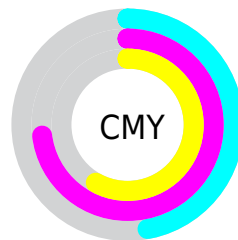


Cyan (0%)

Magenta (49%)

Yellow (21%)

Black (47%)



Cyan (47%)


Magenta (73%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 34.150, 345.020 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, 34.150, 345.020 by changing the saturation by 10% instead.


 39, 34.150,
345.020


 39, 34.150,
345.020

 100, 34.150,
345.020


 29, 34.150,
345.020

 59, 34.150,
345.020


 19, 34.150,
345.020


 69, 34.150,
345.020

 9, 34.150, 345.020

 79, 34.150,
345.020

 0, 34.150, 345.020

 89, 34.150,
345.020

 99, 34.150,
345.020

39, 34.150,
345.020

39, 34.150,
345.020

36, 40.384,
346.340

42, 27.353,
343.881

33, 45.732,
347.905

46, 20.271,
342.874

31, 49.853,
349.809

50, 13.102,
341.966

30, 52.492,
352.171

53, 5.985, 341.122

29, 53.910,
354.988

57, 0.996, 160.710

29, 54.119,
355.396

61, 7.793, 159.764

65, 14.380,
159.105

69, 20.752,
158.501

■ 73, 26.911,
157.940

Harmonies

Complementary

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



39, 34.150, 345.020



52, 32.964, 155.823

Rectangle

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



39, 34.150, 345.020



39, 34.150, 35.020



39, 34.150, 165.020



39, 34.150, 215.020

Sweetspot

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



39, 34.148, 345.021



65, 13.047, 341.690



36, 42.058, 309.377



33, 8.985, 341.846



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



39, 34.148, 345.021



47, 49.300, 346.442



38, 30.274, 19.640



27, 3.995, 341.174



28, 53.177, 355.307



0, 1.837, 340.520

Inverse Universe

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



39, 34.148, 345.021



47, 49.300, 346.442



52, 22.535, 190.622



27, 3.995, 341.174



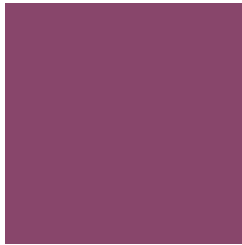
28, 53.177, 355.307



0, 1.837, 340.520

Previews

White Background



This preview shows how the CIE LCh color 39, 34.150, 345.020 looks on a white background.

Color Contrast Check

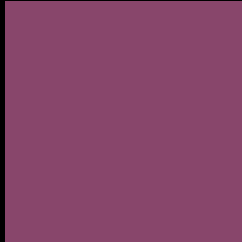
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.150, 345.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

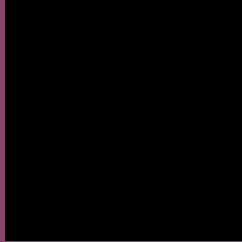
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 34.150, 345.020

Background



This preview shows how black text looks on a background with the CIELCh color 39, 34.150, 345.020.



This preview shows how white text looks on a background with the CIELCh color 39, 34.150, 345.020.

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, 34.150, 345.020

Protanopia

39, 19.062, 285.492

Deuteranopia

39, 8.949, 307.154



Tritanopia
39, 26.275, 15.922

Trichromacy



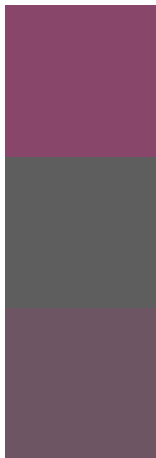
Original Color
39, 34.150, 345.020

Protanomaly
38, 22.344, 313.315

Deuteranomaly
39, 17.670, 332.566

Tritanomaly
39, 28.052, 3.061

Monochromacy



Original Color
39, 34.150, 345.020

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 13.200, 341.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 34.150, 345.020 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(136, 70, 107)` looks like.

```
.text, #text, p{  
    color:rgb(136, 70, 107)  
}
```

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(136, 70, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 70, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 34.150, 345.020 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(136, 70, 107) }
```

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

```
.border{ border-color:rgb(136, 70, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 70, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 70, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 70, 107); box-shadow:4px 4px 4px 4px rgb(136, 70, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 34.150, 345.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 70, 107) }
```

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

```
.background{ background-color: rgb(136, 70,  
107) }
```

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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