

Converting Colors

CIELCh(39, 31.242, 350.338)

Have a look what the booklet for
CIELCh(39, 31.242, 350.338)
contains.

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Color

CIELCh(39, 30.975, 350.759)

Conversions

Conversions Part 1

Format	Color
Hex	874865
RGB	135, 72, 101
RGB Percent	53%, 28%, 40%
CMY	0.4718, 0.7187, 0.6050
CMYK	0.00, 0.47, 0.25, 0.47
HSL	332°, 31%, 40%
HSV	332°, 47%, 53%
XYZ	14.5778, 10.6589, 13.5296
YIQ	94.1430, 28.2390, 22.3750

Conversions

Conversions Part 2

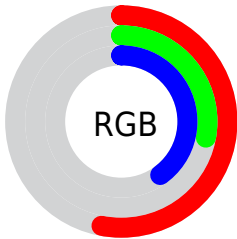
Format	Color
R_{YB}	135, 72, 101
Decimal	8865893
CIE _{Lab}	39.00, 30.57, -4.97
CIE _{LCh}	39, 30.975, 350.759
Yxy	10.6589, 0.3760, 0.2750
Android (android.graphics.Color)	4287055973 (0xFF874865)
YUV	94.1430, 3.3805, 35.8316
Hunter-Lab	32.6480, 22.5685, -1.7166

Details

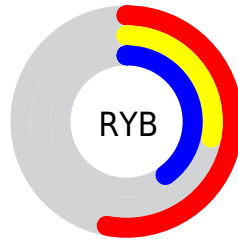
The CIELCh color **39, 30.975, 350.759** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51, 29.046, 161.143**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 31.177, 350.624**, and **19, 30.980, 351.039** is the 20% darker color. If you saturate the color by 10%, you get **36, 37.109, 352.338**, and if you desaturate by 10%, it is **42, 24.426, 349.429**.

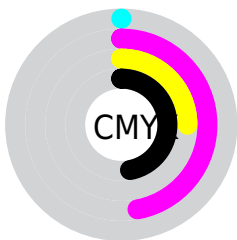
Distribution



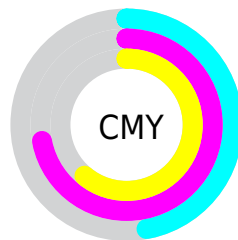
- Red (53%)
- Green (28%)
- Blue (40%)



- Red (53%)
- Yellow (28%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (25%)
- Black (47%)





- Cyan (47%)
- Magenta (72%)
- Yellow (61%)
- Black (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 30.975, 350.759 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, 30.975, 350.759 by changing the saturation by 10% instead.


 39, 30.975,
350.759


 39, 30.975,
350.759

 100, 30.975,
350.759


 29, 30.975,
350.759

 59, 30.975,
350.759


 19, 30.975,
350.759


 69, 30.975,
350.759

 9, 30.975, 350.759

 79, 30.975,
350.759

 0, 30.975, 350.759

 89, 30.975,
350.759

 99, 30.975,
350.759

39, 30.975,
350.759

39, 30.975,
350.759

36, 37.109,
352.338

42, 24.426,
349.429

33, 42.534,
354.254

46, 17.707,
348.279

31, 46.928,
356.628

50, 10.985,
347.262

29, 50.042,
359.612

54, 4.372, 346.322

28, 51.965, 3.265

57, 2.067, 165.737

28, 52.588, 4.464

61, 8.299, 164.887

65, 14.311,
164.196

70, 20.104,
163.567

■ 74, 25.686,
162.988

Harmonies

Complementary

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



39, 30.975, 350.759



51, 29.046, 161.143

Rectangle

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



39, 30.975, 350.759



39, 30.975, 40.759



39, 30.975, 170.759



39, 30.975, 220.759

Sweetspot

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



39, 30.973, 350.760



65, 11.389, 347.030



37, 40.525, 312.399



33, 7.942, 347.211



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, 30.973, 350.760



47, 45.503, 352.428



39, 28.491, 26.391



26, 3.618, 346.545



27, 51.276, 4.294



0, 0.856, 345.834

Inverse Universe

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



39, 30.973, 350.760



47, 45.503, 352.428



52, 20.423, 200.862



26, 3.618, 346.545



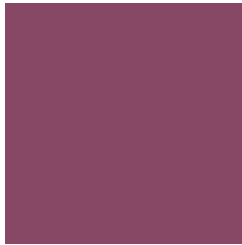
27, 51.276, 4.294



0, 0.856, 345.834

Previews

White Background



This preview shows how the CIE LCh color 39, 30.975, 350.759 looks on a white background.

Color Contrast Check

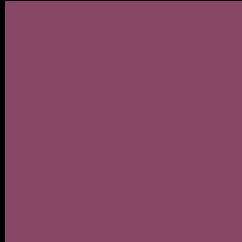
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.975, 350.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

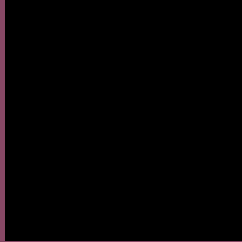
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 30.975, 350.759

Background



This preview shows how black text looks on a background with the CIELCh color 39, 30.975, 350.759.

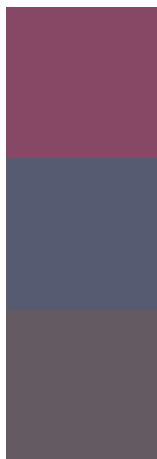


This preview shows how white text looks on a background with the CIELCh color 39, 30.975, 350.759.

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, 30.975, 350.759

Protanopia

39, 14.129, 286.225

Deuteranopia

39, 6.192, 328.076



Tritanopia
39, 25.817, 16.982

Trichromacy



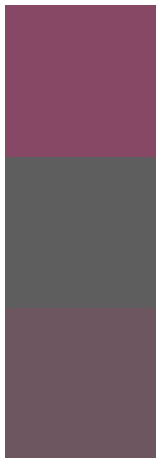
Original Color
39, 30.975, 350.759

Protanomaly
39, 17.361, 319.767

Deuteranomaly
39, 15.576, 343.042

Tritanomaly
39, 27.331, 6.293

Monochromacy



Original Color
39, 30.975, 350.759

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 11.502, 349.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 30.975, 350.759 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(135, 72, 101)` looks like.

```
.text, #text, p{  
    color:rgb(135, 72, 101)  
}
```

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(135, 72, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 72, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 30.975, 350.759 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(135, 72, 101) }
```

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

```
.border{ border-color:rgb(135, 72, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 72, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 72, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 72, 101);  
box-shadow:4px 4px 4px 4px rgb(135, 72,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 30.975, 350.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 72, 101) }
```

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

```
.background{ background-color: rgb(135, 72,  
101) }
```

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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