

Converting Colors

CIELCh(39, 43.394, 352.672)

Have a look what the booklet for
CIELCh(39, 43.394, 352.672)
contains.

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Color

CIELCh(39, 43.407, 352.740)

Conversions

Conversions Part 1

Format	Color
Hex	973B66
RGB	151, 59, 102
RGB Percent	59%, 23%, 40%
CMY	0.4080, 0.7687, 0.6001
CMYK	0.00, 0.61, 0.32, 0.41
HSL	332°, 44%, 41%
HSV	332°, 61%, 59%
XYZ	16.7147, 10.6589, 13.7386
YIQ	91.4100, 41.0290, 32.8770

Conversions

Conversions Part 2

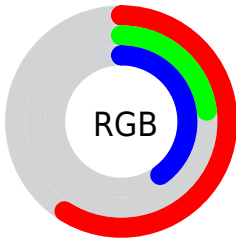
Format	Color
R_{YB}	151, 59, 102
Decimal	9911142
CIE Lab	39.00, 43.06, -5.49
CIE LCh	39, 43.407, 352.740
Yxy	10.6589, 0.4066, 0.2593
Android (android.graphics.Color)	4288101222 (0xFF973B66)
YUV	91.4100, 5.2209, 52.2604
Hunter-Lab	32.6480, 34.2518, -2.0961

Details

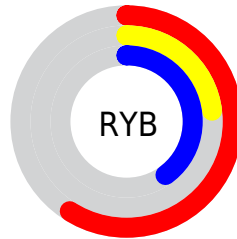
The CIELCh color $[39, 43.407, 352.740]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[56, 40.496, 158.685]$, and the grayscale version is $[39, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 43.414, 352.750]$, and $[19, 42.722, 352.976]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 48.846, 354.852]$, and if you desaturate by 10%, it is $[42, 36.992, 351.022]$.

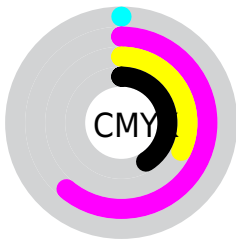
Distribution



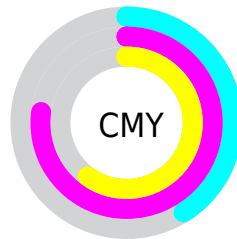
- Red (59%)
- Green (23%)
- Blue (40%)



- Red (59%)
- Yellow (23%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (32%)
- Black (41%)





- Cyan (41%)
- Magenta (77%)
- Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 43.407, 352.740 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, 43.407, 352.740 by changing the saturation by 10% instead.


 39, 43.407,
352.740


 39, 43.407,
352.740

 100, 43.407,
352.740


 29, 43.407,
352.740

 59, 43.407,
352.740

 19, 43.407,
352.740

 69, 43.407,
352.740

 9, 43.407, 352.740

 79, 43.407,
352.740

 0, 43.407, 352.740

 89, 43.407,
352.740

 99, 43.407,
352.740

39, 43.407,
352.740

39, 43.407,
352.740

36, 48.846,
354.852

42, 36.992,
351.022

34, 52.978,
357.493

46, 29.965,
349.588

33, 55.608, 0.824

50, 22.628,
348.363

32, 57.148, 4.326

54, 15.207,
347.291

58, 7.856, 346.326

62, 0.668, 345.015

66, 6.304, 164.807

71, 13.037,
164.076

■ 75, 19.526,
163.421

Harmonies

Complementary

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



39, 43.407, 352.740



56, 40.496, 158.685

Rectangle

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



39, 43.407, 352.740



39, 43.407, 42.740



39, 43.407, 172.740



39, 43.407, 222.740

Sweetspot

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



39, 43.405, 352.741



70, 16.157, 347.034



35, 57.906, 312.552



36, 11.346, 347.304



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



39, 43.405, 352.741



47, 61.297, 355.714



38, 43.009, 28.255



30, 4.095, 346.168



29, 54.175, 4.000



1, 4.352, 345.884

Inverse Universe

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



39, 43.405, 352.741



47, 61.297, 355.714



57, 27.376, 198.794



30, 4.095, 346.168



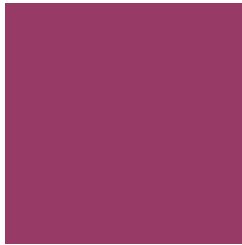
29, 54.175, 4.000



1, 4.352, 345.884

Previews

White Background



This preview shows how the CIE LCh color 39, 43.407, 352.740 looks on a white background.

Color Contrast Check

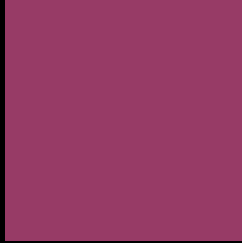
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.407, 352.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

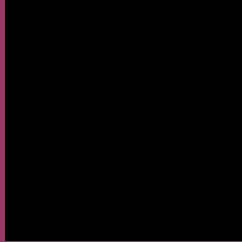
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 43.407, 352.740

Background



This preview shows how black text looks on a background with the CIELCh color 39, 43.407, 352.740.

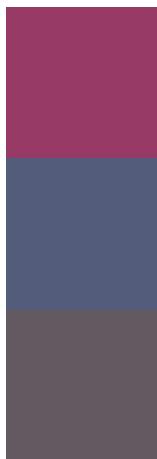


This preview shows how white text looks on a background with the CIELCh color 39, 43.407, 352.740.

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, 43.407, 352.740

Protanopia
40, 19.665, 284.806

Deuteranopia
39, 5.725, 331.821



Tritanopia
39, 37.786, 22.522

Trichromacy



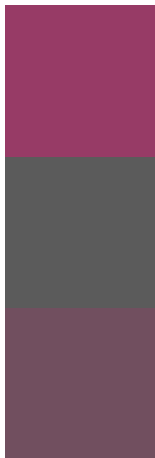
Original Color
39, 43.407, 352.740

Protanomaly
38, 24.674, 319.432

Deuteranomaly
38, 20.300, 345.881

Tritanomaly
39, 38.624, 10.105

Monochromacy



Original Color
39, 43.407, 352.740

Achromatopsia
39, 0.005, 296.813

Achromatomaly
38, 17.376, 347.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 43.407, 352.740 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(151, 59, 102)` looks like.

```
.text, #text, p{  
    color:rgb(151, 59, 102)  
}
```

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(151, 59, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 59, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 43.407, 352.740 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(151, 59, 102) }
```

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

```
.border{ border-color:rgb(151, 59, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 59, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 59, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 59, 102);  
box-shadow:4px 4px 4px 4px rgb(151, 59,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 43.407, 352.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 59, 102) }
```

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

```
.background{ background-color: rgb(151, 59,  
102) }
```

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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