

Converting Colors

CIELCh(34, 39.126, 351.482)

Have a look what the booklet for
CIELCh(34, 39.126, 351.482)
contains.

CIELCh(34, 39.438, 351.741)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(34, 39.438, 351.741)

Conversions

Conversions Part 1

Format	Color
Hex	84335A
RGB	132, 51, 90
RGB Percent	52%, 20%, 35%
CMY	0.4824, 0.8000, 0.6471
CMYK	0.00, 0.61, 0.32, 0.48
HSL	331°, 44%, 36%
HSV	331°, 61%, 52%
XYZ	12.5409, 8.0082, 10.5541
YIQ	79.6650, 35.7570, 29.3010

Conversions

Conversions Part 2

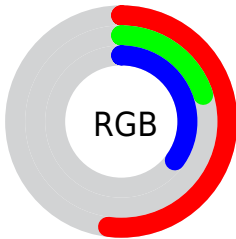
Format	Color
R_{YB}	132, 51, 90
Decimal	8663898
CIE Lab	34.00, 39.03, -5.67
CIE LCh	34, 39.438, 351.741
Yxy	8.0082, 0.4032, 0.2575
Android (android.graphics.Color)	4286853978 (0xFF84335A)
YUV	79.6650, 5.0952, 45.8978
Hunter-Lab	28.2988, 29.5811, -2.3032

Details

The CIELCh color **34, 39.438, 351.741** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49, 37.034, 157.980**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 39.422, 351.985**, and **15, 37.291, 353.311** is the 20% darker color. If you saturate the color by 10%, you get **32, 44.343, 353.745**, and if you desaturate by 10%, it is **37, 33.662, 350.101**.

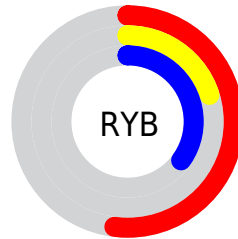
Distribution



Red (52%)

Green (20%)

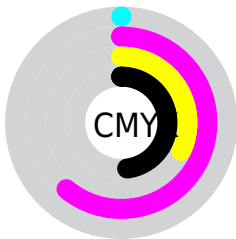
Blue (35%)



Red (52%)

Yellow (20%)

Blue (35%)

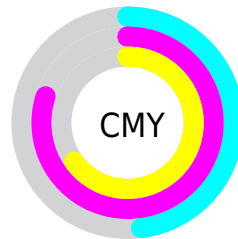


Cyan (0%)

Magenta (61%)

Yellow (32%)

Black (48%)



Cyan (48%)


Magenta (80%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 39.438, 351.741 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 34, 39.438, 351.741 by changing the saturation by 10% instead.


 34, 39.438,
351.741

 34, 39.438,
351.741

 100, 39.438,
351.741


 24, 39.438,
351.741

 54, 39.438,
351.741


 14, 39.438,
351.741


 64, 39.438,
351.741

 4, 39.438, 351.741

 74, 39.438,
351.741

 0, 39.438, 351.741

 84, 39.438,
351.741

 94, 39.438,
351.741

■ 34, 39.438,
351.741

■ 34, 39.438,
351.741

■ 32, 44.343,
353.745

■ 37, 33.662,
350.101

■ 30, 48.081,
356.238

■ 40, 27.335,
348.723

■ 28, 50.466,
359.371

■ 43, 20.724,
347.539

■ 27, 51.941, 2.409

■ 47, 14.028,
346.498

■ 51, 7.385, 345.558

■ 55, 0.881, 344.425

■ 59, 5.437, 164.071

■ 62, 11.547,
163.350

■ 66, 17.442,
162.703

Harmonies

Complementary

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



34, 39.438, 351.741



49, 37.034, 157.980

Rectangle

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



34, 39.438, 351.741



34, 39.438, 41.741



34, 39.438, 171.741



34, 39.438, 221.741

Sweetspot

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



34, 39.436, 351.742



61, 14.551, 346.211



30, 52.254, 312.539



31, 10.215, 346.457



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



34, 39.436, 351.742



40, 55.683, 354.745



33, 38.778, 28.180



26, 3.668, 345.355



27, 51.396, 2.340



0, 0.869, 344.657

Inverse Universe

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



34, 39.436, 351.742



40, 55.683, 354.745



50, 24.747, 198.798



26, 3.668, 345.355



27, 51.396, 2.340



0, 0.869, 344.657

Previews

White Background



This preview shows how the CIELCh color 34, 39.438, 351.741 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 34, 39.438, 351.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

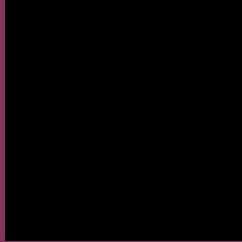
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 39.438, 351.741

Background



This preview shows how black text looks on a background with the CIELCh color 34, 39.438, 351.741.



This preview shows how white text looks on a background with the CIELCh color 34, 39.438, 351.741.

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

34, 39.438, 351.741

Protanopia

34, 18.283, 284.081

Deuteranopia

34, 6.087, 324.885



Tritanopia
34, 34.384, 22.103

Trichromacy



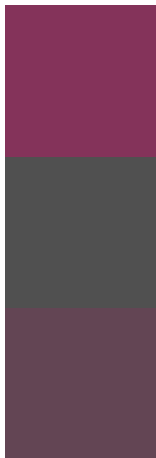
Original Color
34, 39.438, 351.741

Protanomaly
33, 23.040, 318.840

Deuteranomaly
33, 19.010, 344.261

Tritanomaly
34, 34.943, 9.799

Monochromacy



Original Color
34, 39.438, 351.741

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 15.969, 346.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 39.438, 351.741 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(132, 51, 90)` looks like.

```
.text, #text, p{  
    color:rgb(132, 51, 90)  
}
```

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(132, 51, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 51, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 39.438, 351.741 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(132, 51, 90) }
```

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

```
.border{ border-color:rgb(132, 51, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 51, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 51, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 51, 90);  
box-shadow:4px 4px 4px 4px rgb(132, 51,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 39.438, 351.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 51, 90) }
```

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

```
.background{ background-color: rgb(132, 51,  
90) }
```

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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