

Converting Colors

CIELCh(39, 33.991, 0.379)

Have a look what the booklet for
CIELCh(39, 33.991, 0.379) contains.

CIELCh(39, 34.196, 0.037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(39, 34.196, 0.037)

Conversions

Conversions Part 1

Format	Color
Hex	8E445D
RGB	142, 68, 93
RGB Percent	56%, 27%, 36%
CMY	0.4434, 0.7336, 0.6356
CMYK	0.00, 0.52, 0.35, 0.44
HSL	340°, 35%, 41%
HSV	340°, 52%, 56%
XYZ	15.1778, 10.6589, 11.5977
YIQ	92.9760, 36.0790, 23.4630

Conversions

Conversions Part 2

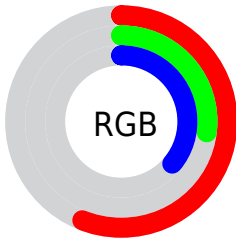
Format	Color
R_{YB}	142, 68, 93
Decimal	9323613
CIE Lab	39.00, 34.20, 0.02
CIE LCh	39, 34.196, 0.037
Yxy	10.6589, 0.4055, 0.2847
Android (android.graphics.Color)	4287513693 (0xFF8E445D)
YUV	92.9760, 0.0118, 42.9940
Hunter-Lab	32.6480, 25.8492, 1.7918

Details

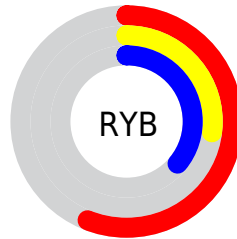
The CIELCh color **39, 34.196, 0.037** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **54, 30.067, 167.847**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 33.956, 0.494**, and **19, 34.312, 0.452** is the 20% darker color. If you saturate the color by 10%, you get **36, 40.288, 2.215**, and if you desaturate by 10%, it is **42, 27.662, 358.271**.

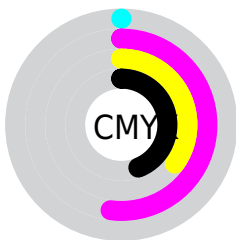
Distribution



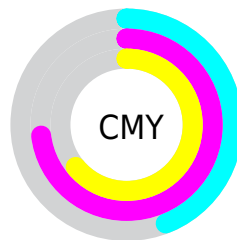
- Red (56%)
- Green (27%)
- Blue (36%)



- Red (56%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (52%)
- Yellow (35%)
- Black (44%)



- Cyan (44%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 34.196, 0.037 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, 34.196, 0.037 by changing the saturation by 10% instead.

 39, 34.196, 0.037  39, 34.196, 0.037

 100, 34.196, 0.037  29, 34.196, 0.037

 59, 34.196, 0.037  19, 34.196, 0.037

 69, 34.196, 0.037  9, 34.196, 0.037

 79, 34.196, 0.037  0, 34.196, 0.037

 89, 34.196, 0.037

 99, 34.196, 0.037

 39, 34.196, 0.037  39, 34.196, 0.037

 36, 40.288, 2.215  42, 27.662,
358.271

 33, 45.647, 4.938

31, 50.007, 8.370

46, 20.950,
356.803

30, 53.261, 12.652

50, 14.249,
355.556

29, 55.506, 16.316

54, 7.684, 354.467

58, 1.329, 353.306

62, 4.783, 172.822

67, 10.639,
172.035

71, 16.243,
171.347

75, 21.608,
170.726

Harmonies

Complementary

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



39, 34.196, 0.037



54, 30.067, 167.847

Rectangle

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



39, 34.196, 0.037



39, 34.196, 50.037



39, 34.196, 180.037



39, 34.196, 230.037

Sweetspot

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



39, 34.194, 0.039



67, 12.594, 354.910



37, 47.758, 316.278



34, 8.497, 355.103



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



39, 34.194, 0.039



46, 50.194, 2.756



41, 30.979, 35.739



28, 3.575, 354.163



28, 53.518, 16.039



0, 2.376, 353.386

Inverse Universe

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



39, 34.194, 0.039



46, 50.194, 2.756



51, 20.919, 215.724



28, 3.575, 354.163



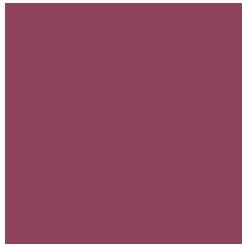
28, 53.518, 16.039



0, 2.376, 353.386

Previews

White Background



This preview shows how the CIE LCh color 39, 34.196, 0.037 looks on a white background.

Color Contrast Check

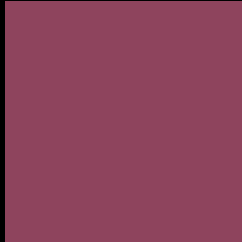
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.196, 0.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

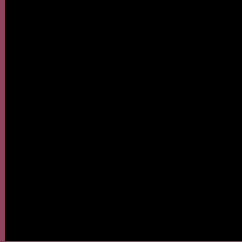
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 34.196, 0.037

Background



This preview shows how black text looks on a background with the CIELCh color 39, 34.196, 0.037.

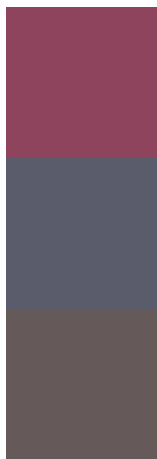


This preview shows how white text looks on a background with the CIELCh color 39, 34.196, 0.037.

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, 34.196, 0.037

Protanopia

39, 9.193, 286.697

Deuteranopia

39, 5.626, 20.130



Tritanopia
39, 31.958, 19.539

Trichromacy



Original Color
39, 34.196, 0.037

Protanomaly
39, 15.839, 334.601

Deuteranomaly
39, 16.542, 2.776

Tritanomaly
39, 32.092, 12.311

Monochromacy



Original Color
39, 34.196, 0.037

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 12.804, 356.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 34.196, 0.037 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(142, 68, 93)` looks like.

```
.text, #text, p{  
    color:rgb(142, 68, 93)  
}
```

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(142, 68, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 68, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 34.196, 0.037 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(142, 68, 93) }
```

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

```
.border{ border-color:rgb(142, 68, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 68, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 68, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 68, 93);  
box-shadow:4px 4px 4px 4px rgb(142, 68,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 34.196, 0.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 68, 93) }
```

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

```
.background{ background-color: rgb(142, 68,  
93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor