

Converting Colors

CIELCh(39, 27.731, 357.382)

Have a look what the booklet for
CIELCh(39, 27.731, 357.382)
contains.

CIELCh(39, 27.811, 357.327)	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(39, 27.811, 357.327)

Conversions

Conversions Part 1

Format	Color
Hex	854A5F
RGB	133, 74, 95
RGB Percent	52%, 29%, 37%
CMY	0.4794, 0.7106, 0.6283
CMYK	0.00, 0.44, 0.29, 0.48
HSL	339°, 29%, 41%
HSV	339°, 44%, 52%
XYZ	14.1262, 10.6589, 12.0885
YIQ	94.0350, 28.4230, 19.0390

Conversions

Conversions Part 2

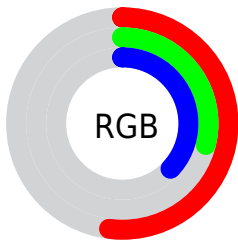
Format	Color
R_{YB}	133, 74, 95
Decimal	8735327
CIE Lab	39.00, 27.78, -1.30
CIE LCh	39, 27.811, 357.327
Yxy	10.6589, 0.3831, 0.2891
Android (android.graphics.Color)	4286925407 (0xFF854A5F)
YUV	94.0350, 0.4757, 34.1723
Hunter-Lab	32.6480, 20.0999, 0.9004




Details

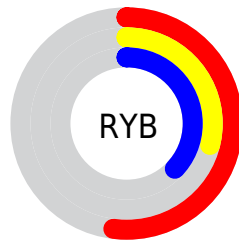
The CIELCh color $39, 27.811, 357.327$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $51, 25.113, 167.688$, and the grayscale version is $40, 0.006, 296.813$.




A 20% lighter version of the original color is $59, 27.879, 357.845$, and $19, 27.730, 357.164$ is the 20% darker color. If you saturate the color by 10%, you get $36, 33.929, 359.114$, and if you desaturate by 10%, it is $42, 21.455, 355.847$.

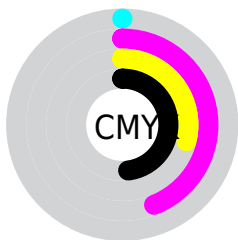
Distribution







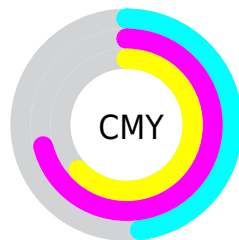
-  Red (52%)
-  Green (29%)
-  Blue (37%)






-  Red (52%)
-  Yellow (29%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (44%)
-  Yellow (29%)
-  Black (48%)





-  Cyan (48%)
-  Magenta (71%)
-  Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 27.811, 357.327 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, 27.811, 357.327 by changing the saturation by 10% instead.

 39, 27.811,
357.327


 39, 27.811,
357.327


 100, 27.811,
357.327


 29, 27.811,
357.327

 59, 27.811,
357.327


 19, 27.811,
357.327

 69, 27.811,
357.327

 9, 27.811, 357.327

 79, 27.811,
357.327

 0, 27.811, 357.327

 89, 27.811,
357.327

 99, 27.811,
357.327

39, 27.811,
357.327

39, 27.811,
357.327

36, 33.929,
359.114

42, 21.455,
355.847

33, 39.556, 1.311

46, 15.063,
354.588

31, 44.407, 4.059

50, 8.765, 353.492

29, 48.244, 7.518

54, 2.643, 352.455

28, 51.029, 11.801

58, 3.263, 171.845

27, 52.542, 14.246

62, 8.933, 171.022

66, 14.369,
170.322

70, 19.579,
169.689

74, 24.578,

Harmonies

Complementary

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



39, 27.811, 357.327



51, 25.113, 167.688

Rectangle

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



39, 27.811, 357.327



39, 27.811, 47.327



39, 27.811, 177.327



39, 27.811, 227.327

Sweetspot

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



39, 27.809, 357.329



65, 9.810, 353.376



38, 38.506, 315.451



32, 6.857, 353.576



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



39, 27.809, 357.329



47, 41.106, 359.074



40, 24.535, 33.685



26, 3.394, 352.953



27, 51.746, 14.126



0, 0.801, 352.193

Inverse Universe

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



39, 27.809, 357.329



47, 41.106, 359.074



49, 17.770, 212.901



26, 3.394, 352.953



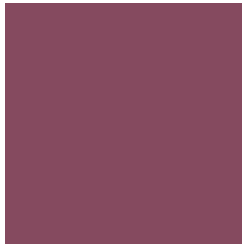
27, 51.746, 14.126



0, 0.801, 352.193

Previews

White Background



This preview shows how the CIE LCh color 39, 27.811, 357.327 looks on a white background.

Color Contrast Check

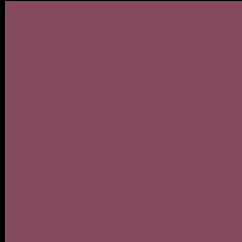
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 39, 27.811, 357.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

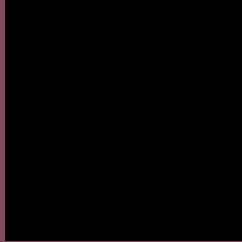
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 27.811, 357.327

Background



This preview shows how black text looks on a background with the CIELCh color 39, 27.811, 357.327.



This preview shows how white text looks on a background with the CIELCh color 39, 27.811, 357.327.

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, 27.811, 357.327

Protanopia
39, 8.585, 286.235

Deuteranopia
39, 5.450, 0.536



Tritanopia
39, 25.328, 15.427

Trichromacy



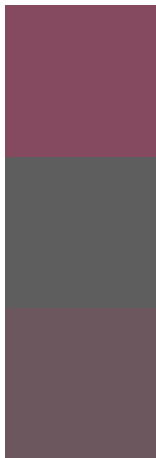
Original Color
39, 27.811, 357.327

Protanomaly
39, 13.571, 331.351

Deuteranomaly
39, 14.226, 356.319

Tritanomaly
39, 25.901, 7.707

Monochromacy



Original Color
39, 27.811, 357.327

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 9.934, 355.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 27.811, 357.327 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(133, 74, 95)` looks like.

```
.text, #text, p{  
    color:rgb(133, 74, 95)  
}
```

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(133, 74, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 74, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 27.811, 357.327 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(133, 74, 95) }
```

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

```
.border{ border-color:rgb(133, 74, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 74, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 74, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 74, 95);  
box-shadow:4px 4px 4px 4px rgb(133, 74,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 27.811, 357.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 74, 95) }
```

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

```
.background{ background-color: rgb(133, 74,  
95) }
```

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