

Converting Colors

CIELCh(39, 30.431, 339.972)

Have a look what the booklet for
CIELCh(39, 30.431, 339.972)
contains.

CIELCh(39, 30.318, 340.366)	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, 30.318, 340.366)

Conversions

Conversions Part 1

Format	Color
Hex	814A6D
RGB	129, 74, 109
RGB Percent	51%, 29%, 43%
CMY	0.4943, 0.7100, 0.5727
CMYK	0.00, 0.43, 0.16, 0.49
HSL	322°, 27%, 40%
HSV	322°, 43%, 51%
XYZ	14.2505, 10.6589, 15.7624
YIQ	94.4350, 21.5450, 22.5450

Conversions

Conversions Part 2

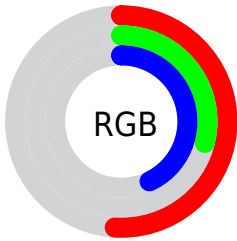
Format	Color
R_{YB}	129, 74, 109
Decimal	8473197
CIE _{Lab}	39.00, 28.56, -10.19
CIE _{LCh}	39, 30.318, 340.366
Yxy	10.6589, 0.3504, 0.2621
Android (android.graphics.Color)	4286663277 (0xFF814A6D)
YUV	94.4350, 7.1805, 30.3135
Hunter-Lab	32.6480, 20.7794, -5.7714

Details

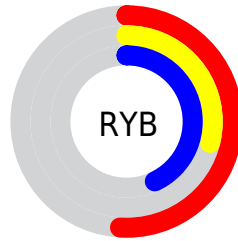
The CIELCh color **39, 30.318, 340.366** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **49, 29.730, 153.217**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 30.481, 339.947**, and **19, 30.141, 340.775** is the 20% darker color. If you saturate the color by 10%, you get **36, 36.884, 341.379**, and if you desaturate by 10%, it is **42, 23.334, 339.455**.

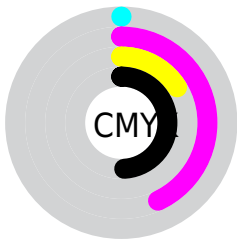
Distribution



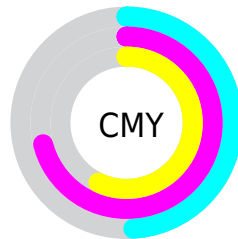
- Red (51%)
- Green (29%)
- Blue (43%)



- Red (51%)
- Yellow (29%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (49%)





- Cyan (49%)
- Magenta (71%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 30.318, 340.366 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, 30.318, 340.366 by changing the saturation by 10% instead.


 39, 30.318,
340.366


 39, 30.318,
340.366

 100, 30.318,
340.366


 29, 30.318,
340.366


 59, 30.318,
340.366


 19, 30.318,
340.366


 69, 30.318,
340.366

 9, 30.318, 340.366

 79, 30.318,
340.366

 0, 30.318, 340.366

 89, 30.318,
340.366

 99, 30.318,
340.366

39, 30.318,
340.366

39, 30.318,
340.366

36, 36.884,
341.379

42, 23.334,
339.455

33, 42.747,
342.528

46, 16.165,
338.621

31, 47.573,
343.866

49, 8.972, 337.843

29, 51.051,
345.464

53, 1.863, 337.021

57, 5.098, 156.547

28, 52.987,
347.413

61, 11.872,
155.897

28, 53.953,
348.965

64, 18.444,
155.307

68, 24.810,
154.756

■ 72, 30.974,
154.241

Harmonies

Complementary

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



39, 30.318, 340.366



49, 29.730, 153.217

Rectangle

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



39, 30.318, 340.366



39, 30.318, 30.366



39, 30.318, 160.366



39, 30.318, 210.366

Sweetspot

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



39, 30.316, 340.367



63, 11.473, 337.893



36, 34.933, 306.354



32, 8.002, 338.038



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



39, 30.316, 340.367



47, 44.460, 341.331



38, 24.958, 12.185



25, 3.951, 337.572



27, 53.524, 348.933



0, 0.000, 0.000

Inverse Universe

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



39, 30.316, 340.367



47, 44.460, 341.331



50, 20.345, 183.492



25, 3.951, 337.572



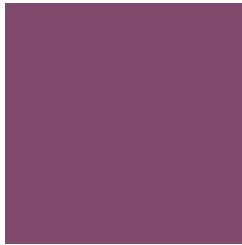
27, 53.524, 348.933



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 30.318, 340.366 looks on a white background.

Color Contrast Check

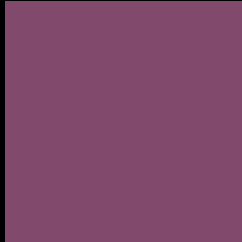
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.318, 340.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

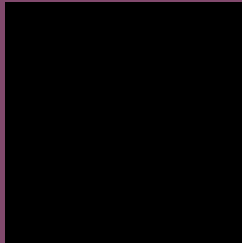
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 30.318, 340.366

Background



This preview shows how black text looks on a background with the CIELCh color 39, 30.318, 340.366.



This preview shows how white text looks on a background with the CIELCh color 39, 30.318, 340.366.

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, 30.318, 340.366

Protanopia

39, 18.460, 285.118

Deuteranopia

39, 10.041, 303.120



Tritanopia
39, 21.169, 12.988

Trichromacy



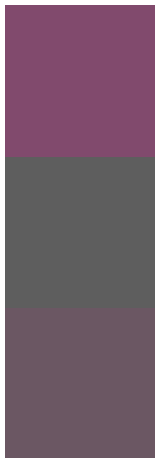
Original Color
39, 30.318, 340.366

Protanomaly
39, 20.563, 309.269

Deuteranomaly
39, 16.922, 325.540

Tritanomaly
39, 23.585, 357.628

Monochromacy



Original Color
39, 30.318, 340.366

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 11.139, 339.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 30.318, 340.366 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(129, 74, 109)` looks like.

```
.text, #text, p{  
    color:rgb(129, 74, 109)  
}
```

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(129, 74, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 74, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 30.318, 340.366 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(129, 74, 109) }
```

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

```
.border{ border-color:rgb(129, 74, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 74, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 74, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 74, 109);  
box-shadow:4px 4px 4px 4px rgb(129, 74,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 30.318, 340.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 74, 109) }
```

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

```
.background{ background-color: rgb(129, 74,  
109) }
```

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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