

Converting Colors

CIELCh(39, 30.050, 339.746)

Have a look what the booklet for
CIELCh(39, 30.050, 339.746)
contains.

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Color

CIELCh(39, 30.050, 339.746)

Conversions

Conversions Part 1

Format	Color
Hex	804A6D
RGB	128, 74, 109
RGB Percent	50%, 29%, 43%
CMY	0.4968, 0.7087, 0.5714
CMYK	0.00, 0.42, 0.15, 0.50
HSL	321°, 27%, 40%
HSV	321°, 42%, 50%
XYZ	14.1921, 10.6589, 15.8596
YIQ	94.1360, 20.9490, 22.3330

Conversions

Conversions Part 2

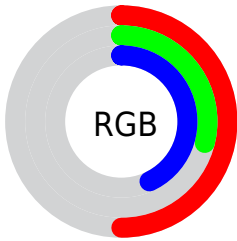
Format	Color
R_{YB}	128, 74, 109
Decimal	8407661
CIE _{Lab}	39.00, 28.19, -10.40
CIE _{LCh}	39, 30.050, 339.746
Yxy	10.6589, 0.3486, 0.2618
Android (android.graphics.Color)	4286597741 (0xFF804A6D)
YUV	94.1360, 7.3280, 29.6987
Hunter-Lab	32.6480, 20.4601, -5.9481

Details

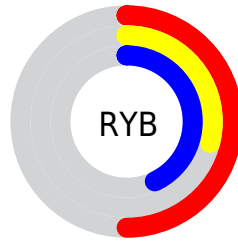
The CIELCh color **39, 30.050, 339.746** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **49, 29.520, 152.798**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 30.213, 339.395**, and **19, 29.914, 340.033** is the 20% darker color. If you saturate the color by 10%, you get **36, 36.660, 340.726**, and if you desaturate by 10%, it is **42, 23.032, 338.860**.

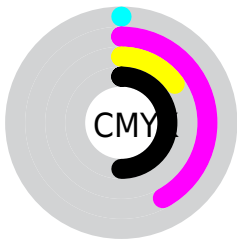
Distribution



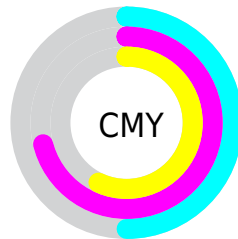
- Red (50%)
- Green (29%)
- Blue (43%)



- Red (50%)
- Yellow (29%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (50%)




- Cyan (50%)
- Magenta (71%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 30.050, 339.746 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, 30.050, 339.746 by changing the saturation by 10% instead.


 39, 30.050,
339.746

 39, 30.050,
339.746

 100, 30.050,
339.746

 29, 30.050,
339.746

 59, 30.050,
339.746

 19, 30.050,
339.746

 69, 30.050,
339.746

 9, 30.050, 339.746

 79, 30.050,
339.746

 0, 30.050, 339.746

 89, 30.050,
339.746

 99, 30.050,
339.746

39, 30.050,
339.746

39, 30.050,
339.746

36, 36.660,
340.726

42, 23.032,
338.860

33, 42.581,
341.831

46, 15.836,
338.045

31, 47.479,
343.108

49, 8.619, 337.281

29, 51.042,
344.624

53, 1.488, 336.439

57, 5.494, 156.004

28, 53.066,
346.464

60, 12.290,
155.365

27, 54.101,
348.051

64, 18.884,
154.781

68, 25.272,
154.237

■ 72, 31.459,
153.726

Harmonies

Complementary

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



39, 30.050, 339.746



49, 29.520, 152.798

Rectangle

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



39, 30.050, 339.746



39, 30.050, 29.746



39, 30.050, 159.746



39, 30.050, 209.746

Sweetspot

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



39, 30.048, 339.747



62, 11.424, 337.370



36, 34.322, 306.312



32, 8.068, 337.515



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, 30.048, 339.747



47, 44.235, 340.732



38, 24.514, 12.087



25, 3.983, 337.055



27, 53.861, 348.034



0, 0.000, 0.000

Inverse Universe

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



39, 30.048, 339.747



47, 44.235, 340.732



50, 20.043, 183.545



25, 3.983, 337.055



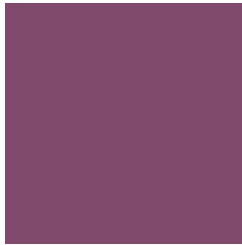
27, 53.861, 348.034



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 39, 30.050, 339.746 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, 30.050, 339.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

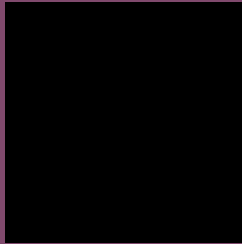
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 30.050, 339.746

Background



This preview shows how black text looks on a background with the CIELCh color 39, 30.050, 339.746.



This preview shows how white text looks on a background with the CIELCh color 39, 30.050, 339.746.

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, 30.050, 339.746

Protanopia

39, 18.460, 285.118

Deuteranopia

39, 10.570, 300.387



Tritanopia
39, 21.169, 12.988

Trichromacy



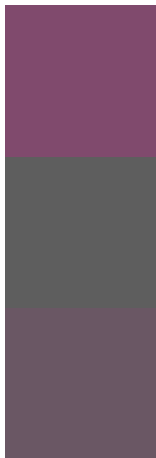
Original Color
39, 30.050, 339.746

Protanomaly
39, 20.563, 309.269

Deuteranomaly
39, 17.217, 323.209

Tritanomaly
39, 23.585, 357.628

Monochromacy



Original Color
39, 30.050, 339.746

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 11.234, 336.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 30.050, 339.746 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(128, 74, 109)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 74, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 74, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 30.050, 339.746 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(128, 74, 109) }
```

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

```
.border{ border-color:rgb(128, 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(128, 74, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 74, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 74, 109);  
box-shadow:4px 4px 4px 4px rgb(128, 74,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 30.050, 339.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 74, 109) }
```

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

```
.background{ background-color: rgb(128, 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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