

Converting Colors

CIELCh(39, 29.392, 338.253)

Have a look what the booklet for
CIELCh(39, 29.392, 338.253)
contains.

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Color

CIELCh(39, 29.489, 338.451)

Conversions

Conversions Part 1

Format	Color
Hex	7F4B6E
RGB	127, 75, 110
RGB Percent	50%, 29%, 43%
CMY	0.5022, 0.7060, 0.5688
CMYK	0.00, 0.41, 0.13, 0.50
HSL	320°, 26%, 40%
HSV	320°, 41%, 50%
XYZ	14.0699, 10.6589, 16.0541
YIQ	94.5380, 19.7570, 21.9090

Conversions

Conversions Part 2

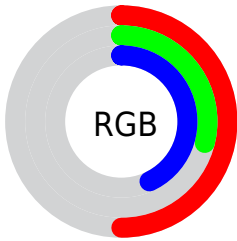
Format	Color
R_{YB}	127, 75, 110
Decimal	8342382
CIE _{Lab}	39.00, 27.43, -10.83
CIE _{LCh}	39, 29.489, 338.451
Yxy	10.6589, 0.3450, 0.2614
Android (android.graphics.Color)	4286532462 (0xFF7F4B6E)
YUV	94.5380, 7.6228, 28.4692
Hunter-Lab	32.6480, 19.7915, -6.3013

Details

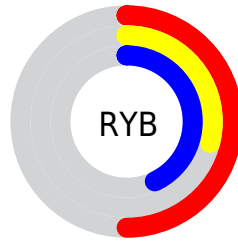
The CIELCh color $39, 29.489, 338.451$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $49, 29.067, 151.915$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 29.655, 338.251$, and $19, 29.465, 338.457$ is the 20% darker color. If you saturate the color by 10%, you get $36, 36.196, 339.365$, and if you desaturate by 10%, it is $42, 22.395, 337.615$.

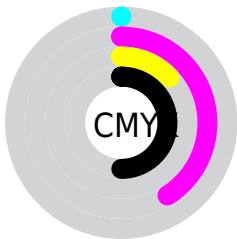
Distribution



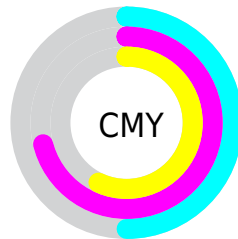
- Red (50%)
- Green (29%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (41%)
- Yellow (13%)
- Black (50%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 29.489, 338.451 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, 29.489, 338.451 by changing the saturation by 10% instead.


 39, 29.489,
338.451


 39, 29.489,
338.451

 100, 29.489,
338.451


 29, 29.489,
338.451

 59, 29.489,
338.451


 19, 29.489,
338.451


 69, 29.489,
338.451

 9, 29.489, 338.451

 79, 29.489,
338.451

 0, 29.489, 338.451

 89, 29.489,
338.451

 99, 29.489,
338.451

39, 29.489,
338.451

39, 29.489,
338.451

36, 36.196,
339.365

42, 22.395,
337.615

33, 42.241,
340.380

46, 15.137,
336.838

31, 47.297,
341.537

49, 7.866, 336.103

29, 51.047,
342.890

53, 0.684, 335.096

57, 6.346, 154.864


28, 53.269,
344.511

60, 13.191,
154.247

27, 54.474,
346.138

64, 19.833,
153.679

68, 26.272,
153.147

 72, 32.509,
152.647

Harmonies

Complementary

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



39, 29.489, 338.451



49, 29.067, 151.915

Rectangle

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



39, 29.489, 338.451



39, 29.489, 28.451



39, 29.489, 158.451



39, 29.489, 208.451

Sweetspot

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



39, 29.487, 338.452



63, 10.726, 336.199



36, 32.958, 305.160



32, 7.176, 336.275



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, 29.487, 338.452



47, 43.350, 339.290



38, 23.637, 9.348



25, 4.055, 335.968



27, 54.639, 346.148



0, 0.000, 0.000

Inverse Universe

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



39, 29.487, 338.452



47, 43.350, 339.290



49, 19.808, 180.845



25, 4.055, 335.968



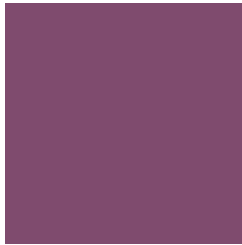
27, 54.639, 346.148



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 39, 29.489, 338.451 looks on a white background.

Color Contrast Check

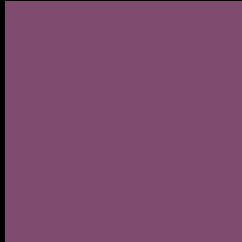
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.489, 338.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

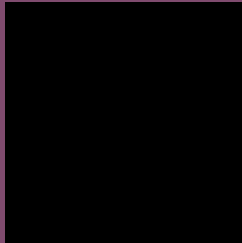
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 29.489, 338.451

Background



This preview shows how black text looks on a background with the CIELCh color 39, 29.489, 338.451.



This preview shows how white text looks on a background with the CIELCh color 39, 29.489, 338.451.

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, 29.489, 338.451

Protanopia

39, 18.460, 285.118

Deuteranopia

39, 10.570, 300.387



Tritanopia
39, 19.795, 12.035

Trichromacy



Original Color
39, 29.489, 338.451

Protanomaly
39, 20.563, 309.269

Deuteranomaly
39, 16.478, 323.061

Tritanomaly
39, 22.406, 355.873

Monochromacy



Original Color
39, 29.489, 338.451

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, 29.489, 338.451 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(127, 75, 110)` looks like.

```
.text, #text, p{  
    color:rgb(127, 75, 110)  
}
```

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(127, 75, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 75, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 29.489, 338.451 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(127, 75, 110) }
```

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

```
.border{ border-color:rgb(127, 75, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 75, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 75, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 75, 110);  
box-shadow:4px 4px 4px 4px rgb(127, 75,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 29.489, 338.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 75, 110) }
```

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

```
.background{ background-color: rgb(127, 75,  
110) }
```

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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