

Converting Colors

CIELCh(39, 43.735, 322.874)

Have a look what the booklet for
CIELCh(39, 43.735, 322.874)
contains.

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Color

CIELCh(39, 43.906, 323.171)

Conversions

Conversions Part 1

Format	Color
Hex	7F4687
RGB	127, 70, 135
RGB Percent	50%, 27%, 53%
CMY	0.5016, 0.7252, 0.4703
CMYK	0.06, 0.48, 0.00, 0.47
HSL	293°, 32%, 40%
HSV	293°, 48%, 53%
XYZ	15.3374, 10.6589, 24.1991
YIQ	94.4530, 13.1070, 32.2990

Conversions

Conversions Part 2

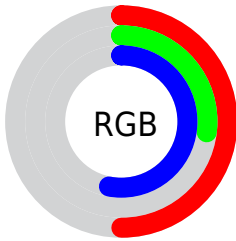
Format	Color
R_{YB}	127, 70, 135
Decimal	8341127
CIE _{Lab}	39.00, 35.14, -26.32
CIE _{LCh}	39, 43.906, 323.171
Yxy	10.6589, 0.3056, 0.2123
Android (android.graphics.Color)	4286531207 (0xFF7F4687)
YUV	94.4530, 19.9897, 28.5437
Hunter-Lab	32.6480, 26.7219, -21.0927

Details

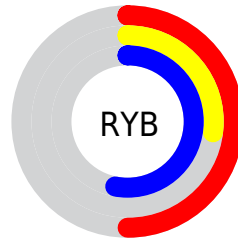
The CIELCh color $39, 43.906, 323.171$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $51, 43.527, 138.044$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 44.283, 322.964$, and $19, 44.210, 323.227$ is the 20% darker color. If you saturate the color by 10%, you get $36, 52.101, 323.501$, and if you desaturate by 10%, it is $42, 35.087, 322.776$.

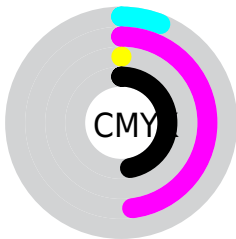
Distribution



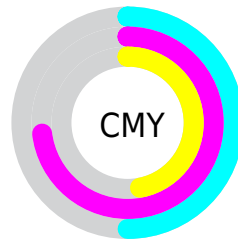
- Red (50%)
- Green (27%)
- Blue (53%)



- Red (50%)
- Yellow (27%)
- Blue (53%)



- Cyan (6%)
- Magenta (48%)
- Yellow (0%)
- Black (47%)





- Cyan (50%)
- Magenta (73%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 43.906, 323.171 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, 43.906, 323.171 by changing the saturation by 10% instead.


 39, 43.906,
323.171


 39, 43.906,
323.171

 100, 43.906,
323.171


 29, 43.906,
323.171

 59, 43.906,
323.171


 19, 43.906,
323.171


 69, 43.906,
323.171

 9, 43.906, 323.171

 79, 43.906,
323.171

 0, 43.906, 323.171

 89, 43.906,
323.171

 99, 43.906,
323.171

39, 43.906,
323.171

39, 43.906,
323.171

36, 52.101,
323.501

42, 35.087,
322.776

33, 59.327,
323.736

46, 25.934,
322.340

31, 65.214,
323.849

49, 16.661,
321.881

30, 69.453,
323.811

53, 7.419, 321.409

29, 72.206,
323.639

57, 1.691, 141.079

28, 72.707,
323.608

61, 10.610,
140.555

65, 19.300,
140.129

69, 27.747,
139.730

■ 73, 35.945,
139.359

Harmonies

Complementary

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



39, 43.906, 323.171



51, 43.527, 138.044

Rectangle

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



39, 43.906, 323.171



39, 43.906, 13.171



39, 43.906, 143.171



39, 43.906, 193.171

Sweetspot

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



39, 43.904, 323.171



65, 15.939, 321.703



35, 35.069, 291.337



33, 11.103, 321.792



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



39, 43.904, 323.171



47, 64.343, 323.534



39, 35.219, 341.082



26, 5.078, 321.456



27, 70.736, 323.624



0, 1.208, 321.058

Inverse Universe

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



38, 29.583, 15.305



45, 44.910, 17.863



51, 34.532, 152.663



26, 3.086, 9.969



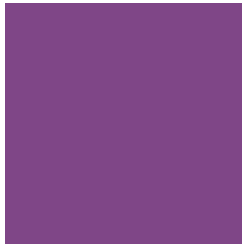
26, 58.350, 33.049



0, 0.720, 9.284

Previews

White Background



This preview shows how the CIELCh color 39, 43.906, 323.171 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, 43.906, 323.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

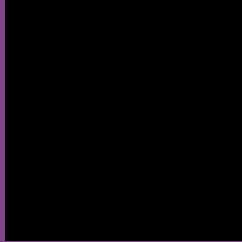
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 43.906, 323.171

Background



This preview shows how black text looks on a background with the CIELCh color 39, 43.906, 323.171.



This preview shows how white text looks on a background with the CIELCh color 39, 43.906, 323.171.

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, 43.906, 323.171

Protanopia

39, 38.092, 285.811

Deuteranopia

39, 24.686, 283.683



Tritanopia
39, 17.989, 10.625

Trichromacy



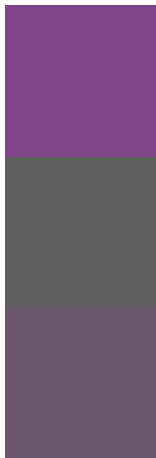
Original Color
39, 43.906, 323.171

Protanomaly
39, 38.736, 298.652

Deuteranomaly
38, 30.552, 303.197

Tritanomaly
39, 24.870, 342.333

Monochromacy



Original Color
39, 43.906, 323.171

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 16.963, 321.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 43.906, 323.171 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, 70, 135)` looks like.

```
.text, #text, p{  
    color:rgb(127, 70, 135)  
}
```

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, 70, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 70, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 43.906, 323.171 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, 70, 135) }
```

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

```
.border{ border-color:rgb(127, 70, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 70, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 70, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 70, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 70,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 43.906, 323.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 70, 135) }
```

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

```
.background{ background-color: rgb(127, 70,  
135) }
```

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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