

Converting Colors

CIELCh(39, 38.903, 323.686)

Have a look what the booklet for
CIELCh(39, 38.903, 323.686)
contains.

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Color

CIELCh(39, 39.095, 323.541)

Conversions

Conversions Part 1

Format	Color
Hex	7C4982
RGB	124, 73, 130
RGB Percent	49%, 29%, 51%
CMY	0.5138, 0.7138, 0.4902
CMYK	0.05, 0.44, 0.00, 0.49
HSL	294°, 28%, 40%
HSV	294°, 44%, 51%
XYZ	14.7205, 10.6589, 22.3962
YIQ	94.7470, 12.0990, 28.5390

Conversions

Conversions Part 2

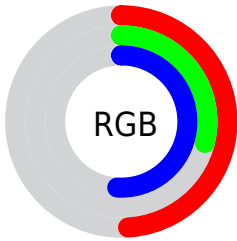
Format	Color
R_{YB}	124, 73, 130
Decimal	8145282
CIE _{Lab}	39.00, 31.44, -23.23
CIE _{LCh}	39, 39.095, 323.541
Yxy	10.6589, 0.3081, 0.2231
Android (android.graphics.Color)	4286335362 (0xFF7C4982)
YUV	94.7470, 17.3797, 25.6549
Hunter-Lab	32.6480, 23.3486, -17.8187

Details

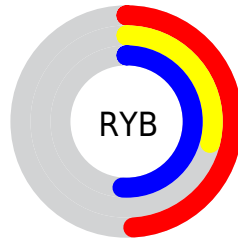
The CIELCh color $39, 39.095, 323.541$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $50, 38.826, 138.818$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 39.100, 323.766$, and $19, 38.739, 323.432$ is the 20% darker color. If you saturate the color by 10%, you get $36, 47.332, 323.910$, and if you desaturate by 10%, it is $42, 30.365, 323.120$.

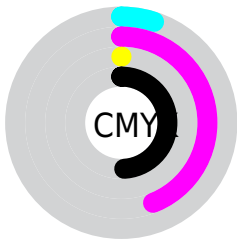
Distribution



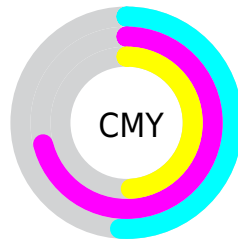
- Red (49%)
- Green (29%)
- Blue (51%)



- Red (49%)
- Yellow (29%)
- Blue (51%)



- Cyan (5%)
- Magenta (44%)
- Yellow (0%)
- Black (49%)





- Cyan (51%)
- Magenta (71%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 39.095, 323.541 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, 39.095, 323.541 by changing the saturation by 10% instead.


 39, 39.095,
323.541


 39, 39.095,
323.541

 100, 39.095,
323.541


 29, 39.095,
323.541

 59, 39.095,
323.541


 19, 39.095,
323.541

 69, 39.095,
323.541

 9, 39.095, 323.541

 79, 39.095,
323.541

 0, 39.095, 323.541

 89, 39.095,
323.541

 99, 39.095,
323.541

■ 39, 39.095,
323.541

■ 39, 39.095,
323.541

■ 36, 47.332,
323.910

■ 42, 30.365,
323.120

■ 33, 54.768,
324.200

■ 46, 21.396,
322.666

■ 31, 61.050,
324.387

■ 49, 12.371,
322.195

■ 30, 65.851,
324.442

■ 53, 3.415, 321.694

■ 57, 5.387, 141.319

■ 28, 68.989,
324.351

■ 60, 13.988,
140.861

■ 28, 70.588,
324.272

■ 64, 22.360,
140.438

■ 68, 30.491,
140.041

■ 72, 38.379,
139.671

Harmonies

Complementary

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



39, 39.095, 323.541



50, 38.826, 138.818

Rectangle

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



39, 39.095, 323.541



39, 39.095, 13.541



39, 39.095, 143.541



39, 39.095, 193.541

Sweetspot

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



39, 39.093, 323.541



63, 14.338, 322.169



35, 31.333, 291.217



32, 9.997, 322.259



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, 39.093, 323.541



47, 57.499, 323.921



39, 30.946, 341.475



25, 4.940, 321.966



27, 69.609, 324.279



0, 0.000, 0.000

Inverse Universe

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



38, 25.933, 15.810



45, 39.464, 17.908



50, 30.247, 153.910



25, 2.975, 11.375



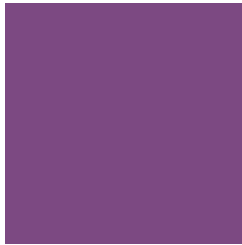
26, 58.045, 33.915



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 39, 39.095, 323.541 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, 39.095, 323.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

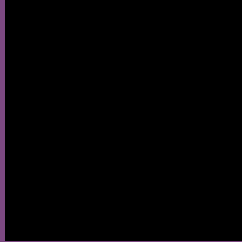
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 39.095, 323.541

Background



This preview shows how black text looks on a background with the CIELCh color 39, 39.095, 323.541.



This preview shows how white text looks on a background with the CIELCh color 39, 39.095, 323.541.

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, 39.095, 323.541

Protanopia

39, 32.610, 284.698

Deuteranopia

39, 22.136, 285.380



Tritanopia
39, 16.280, 6.878

Trichromacy



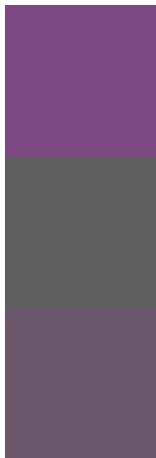
Original Color
39, 39.095, 323.541

Protanomaly
39, 33.899, 299.103

Deuteranomaly
39, 27.526, 303.941

Tritanomaly
39, 22.616, 340.861

Monochromacy



Original Color
39, 39.095, 323.541

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 15.000, 322.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 39.095, 323.541 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(124, 73, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 73, 130)  
}
```

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(124, 73, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 73, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 39.095, 323.541 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(124, 73, 130) }
```

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

```
.border{ border-color:rgb(124, 73, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 73, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 73, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 73, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 73,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 39.095, 323.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 73, 130) }
```

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

```
.background{ background-color: rgb(124, 73,  
130) }
```

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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