

Converting Colors

CIELCh(39, 39.162, 326.177)

Have a look what the booklet for
CIELCh(39, 39.162, 326.177)
contains.

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Color

CIELCh(39, 39.237, 326.147)

Conversions

Conversions Part 1

Format	Color
Hex	7F4880
RGB	127, 72, 128
RGB Percent	50%, 28%, 50%
CMY	0.5028, 0.7184, 0.4988
CMYK	0.01, 0.44, 0.00, 0.50
HSL	299°, 28%, 39%
HSV	299°, 44%, 50%
XYZ	14.9090, 10.6589, 21.6230
YIQ	94.8290, 14.8040, 29.0760

Conversions

Conversions Part 2

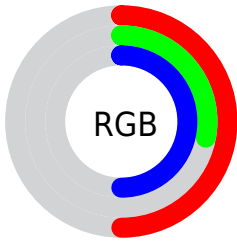
Format	Color
R_{YB}	127, 72, 128
Decimal	8341632
CIE _{Lab}	39.00, 32.59, -21.86
CIE _{LCh}	39, 39.237, 326.147
Yxy	10.6589, 0.3159, 0.2259
Android (android.graphics.Color)	4286531712 (0xFF7F4880)
YUV	94.8290, 16.3533, 28.2140
Hunter-Lab	32.6480, 24.3796, -16.4146

Details

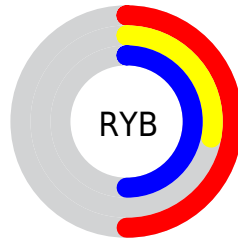
The CIELCh color $39, 39.237, 326.147$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $49, 39.282, 140.812$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 39.348, 326.182$, and $19, 39.596, 325.836$ is the 20% darker color. If you saturate the color by 10%, you get $36, 47.326, 326.571$, and if you desaturate by 10%, it is $42, 30.565, 325.678$.

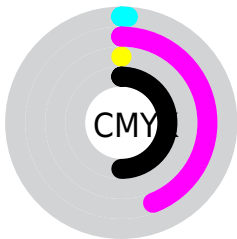
Distribution



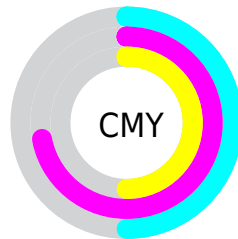
- Red (50%)
- Green (28%)
- Blue (50%)



- Red (50%)
- Yellow (28%)
- Blue (50%)



- Cyan (1%)
- Magenta (44%)
- Yellow (0%)
- Black (50%)




- Cyan (50%)
- Magenta (72%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 39.237, 326.147 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, 39.237, 326.147 by changing the saturation by 10% instead.

 39, 39.237,
326.147

 39, 39.237,
326.147

 100, 39.237,
326.147

 29, 39.237,
326.147

 59, 39.237,
326.147

 19, 39.237,
326.147

 69, 39.237,
326.147

 9, 39.237, 326.147

 79, 39.237,
326.147

 0, 39.237, 326.147

 89, 39.237,
326.147

 99, 39.237,
326.147

39, 39.237,
326.147

39, 39.237,
326.147

36, 47.326,
326.571

42, 30.565,
325.678

34, 54.523,
326.931

45, 21.580,
325.179

32, 60.500,
327.214

49, 12.484,
324.661

31, 64.980,
327.406

52, 3.425, 324.108

30, 67.847,
327.504

56, 5.499, 143.687

29, 69.297,
327.547

59, 14.226,
143.173

63, 22.719,
142.693

67, 30.962,
142.239

■ 71, 38.950,
141.810

Harmonies

Complementary

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



39, 39.237, 326.147



49, 39.282, 140.812

Rectangle

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



39, 39.237, 326.147



39, 39.237, 16.147



39, 39.237, 146.147



39, 39.237, 196.147

Sweetspot

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



39, 39.235, 326.147



62, 14.534, 324.634



34, 33.982, 294.696



32, 10.259, 324.735



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, 39.235, 326.147



47, 57.602, 326.587



38, 28.988, 345.962



25, 5.073, 324.411



29, 69.181, 327.547



0, 0.000, 0.000

Inverse Universe

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



37, 25.913, 22.338



44, 39.878, 24.314



49, 27.843, 157.757



25, 2.950, 18.420



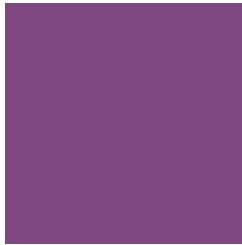
25, 60.569, 37.642



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 39, 39.237, 326.147 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, 39.237, 326.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

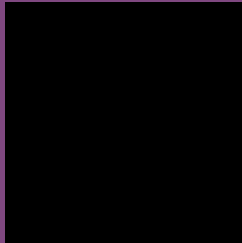
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 39.237, 326.147

Background



This preview shows how black text looks on a background with the CIELCh color 39, 39.237, 326.147.



This preview shows how white text looks on a background with the CIELCh color 39, 39.237, 326.147.

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, 39.237, 326.147

Protanopia

39, 31.983, 284.868

Deuteranopia

39, 20.300, 285.220



Tritanopia
39, 18.430, 10.987

Trichromacy



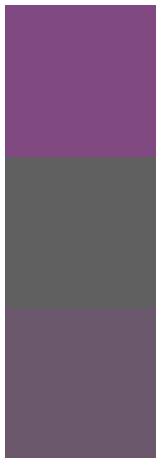
Original Color
39, 39.237, 326.147

Protanomaly
39, 32.744, 300.316

Deuteranomaly
39, 25.875, 306.156

Tritanomaly
39, 23.859, 345.835

Monochromacy



Original Color
39, 39.237, 326.147

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 14.708, 325.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 39.237, 326.147 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, 72, 128)` looks like.

```
.text, #text, p{  
    color:rgb(127, 72, 128)  
}
```

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, 72, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 72, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 39.237, 326.147 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, 72, 128) }
```

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

```
.border{ border-color:rgb(127, 72, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 72, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 72, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 72, 128);  
box-shadow:4px 4px 4px 4px rgb(127, 72,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 39.237, 326.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 72, 128) }
```

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

```
.background{ background-color: rgb(127, 72,  
128) }
```

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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