

Converting Colors

CIELCh(39, 48.815, 326.990)

Have a look what the booklet for
CIELCh(39, 48.815, 326.990)
contains.

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Color

CIELCh(39, 49.095, 326.671)

Conversions

Conversions Part 1

Format	Color
Hex	874088
RGB	135, 64, 136
RGB Percent	53%, 25%, 53%
CMY	0.4694, 0.7479, 0.4655
CMYK	0.01, 0.53, 0.00, 0.47
HSL	299°, 36%, 39%
HSV	299°, 53%, 53%
XYZ	16.3524, 10.6589, 24.5946
YIQ	93.4370, 19.2040, 37.4440

Conversions

Conversions Part 2

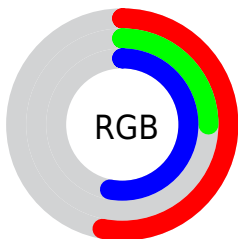
Format	Color
R_{YB}	135, 64, 136
Decimal	8863880
CIE _{Lab}	39.00, 41.02, -26.98
CIE _{LCh}	39, 49.095, 326.671
Yxy	10.6589, 0.3169, 0.2065
Android (android.graphics.Color)	4287053960 (0xFF874088)
YUV	93.4370, 20.9836, 36.4508
Hunter-Lab	32.6480, 32.2710, -21.8111

Details

The CIELCh color $39, 49.095, 326.671$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $51, 49.320, 139.969$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 49.257, 326.534$, and $19, 49.273, 326.674$ is the 20% darker color. If you saturate the color by 10%, you get $37, 56.741, 327.043$, and if you desaturate by 10%, it is $42, 40.515, 326.238$.

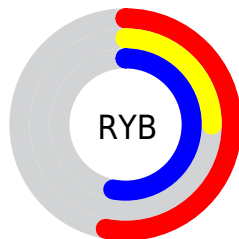
Distribution



Red (53%)

Green (25%)

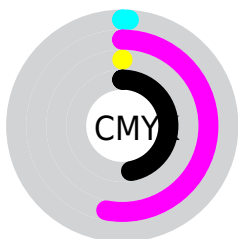
Blue (53%)



Red (53%)

Yellow (25%)

Blue (53%)

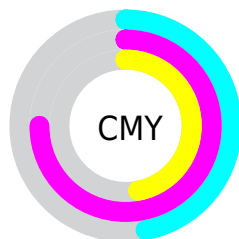


Cyan (1%)

Magenta (53%)

Yellow (0%)

Black (47%)



Cyan (47%)


Magenta (75%)


Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 49.095, 326.671 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, 49.095, 326.671 by changing the saturation by 10% instead.


 39, 49.095,
326.671


 39, 49.095,
326.671

 100, 49.095,
326.671


 29, 49.095,
326.671

 59, 49.095,
326.671


 19, 49.095,
326.671


 69, 49.095,
326.671

 9, 49.095, 326.671

 79, 49.095,
326.671

 0, 49.095, 326.671

 89, 49.095,
326.671

 99, 49.095,
326.671

39, 49.095,
326.671

39, 49.095,
326.671

37, 56.741,
327.043

42, 40.515,
326.238

35, 63.109,
327.337

45, 31.339,
325.761

33, 67.901,
327.542

48, 21.844,
325.254

32, 70.962,
327.653

52, 12.243,
324.729

32, 72.583,
327.703

56, 2.691, 324.153

60, 6.710, 143.741

63, 15.897,
143.226

67, 24.834,
142.744

■ 71, 33.503,
142.286

Harmonies

Complementary

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



39, 49.095, 326.671



51, 49.320, 139.969

Rectangle

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



39, 49.095, 326.671



39, 49.095, 16.671



39, 49.095, 146.671



39, 49.095, 196.671

Sweetspot

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



39, 49.093, 326.671



65, 18.829, 324.915



31, 44.840, 297.114



33, 12.819, 325.007



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, 49.093, 326.671



47, 69.707, 327.093



38, 36.105, 348.162



27, 5.417, 324.531



31, 71.155, 327.704



0, 2.500, 324.074

Inverse Universe

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



37, 33.840, 24.387



43, 50.914, 27.173



51, 34.387, 157.379



27, 3.148, 18.769



27, 62.699, 38.118



0, 1.415, 18.260

Previews

White Background



This preview shows how the CIELCh color 39, 49.095, 326.671 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, 49.095, 326.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

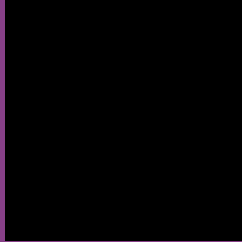
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 49.095, 326.671

Background



This preview shows how black text looks on a background with the CIELCh color 39, 49.095, 326.671.

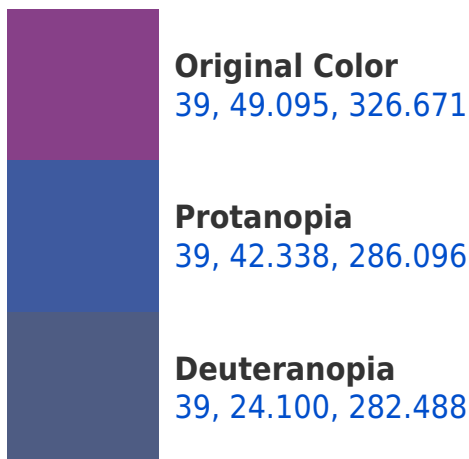


This preview shows how white text looks on a background with the CIELCh color 39, 49.095, 326.671.

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





Tritanopia
39, 23.013, 15.619

Trichromacy



Original Color
39, 49.095, 326.671

Protanomaly
38, 43.061, 299.685

Deuteranomaly
39, 31.989, 305.503

Tritanomaly
39, 29.328, 347.978

Monochromacy



Original Color
39, 49.095, 326.671

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 19.070, 325.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 49.095, 326.671 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(135, 64, 136)` looks like.

```
.text, #text, p{  
    color:rgb(135, 64, 136)  
}
```

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(135, 64, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 64, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 49.095, 326.671 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(135, 64, 136) }
```

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

```
.border{ border-color:rgb(135, 64, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 64, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 64, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 64, 136);  
box-shadow:4px 4px 4px 4px rgb(135, 64,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 49.095, 326.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 64, 136) }
```

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

```
.background{ background-color: rgb(135, 64,  
136) }
```

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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