

Converting Colors

CIELCh(39, 41.348, 322.572)

Have a look what the booklet for
CIELCh(39, 41.348, 322.572)
contains.

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Color

CIELCh(39, 41.368, 322.837)

Conversions

Conversions Part 1

Format	Color
Hex	7D4885
RGB	125, 72, 133
RGB Percent	49%, 28%, 52%
CMY	0.5103, 0.7181, 0.4789
CMYK	0.06, 0.46, 0.00, 0.48
HSL	292°, 30%, 40%
HSV	292°, 46%, 52%
XYZ	14.9725, 10.6589, 23.4115
YIQ	94.8010, 12.0070, 30.2070

Conversions

Conversions Part 2

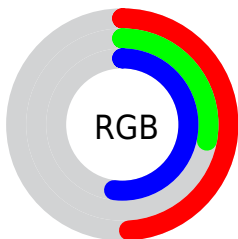
Format	Color
R_{YB}	125, 72, 133
Decimal	8210565
CIE _{Lab}	39.00, 32.97, -24.99
CIE _{LCh}	39, 41.368, 322.837
Yxy	10.6589, 0.3053, 0.2173
Android (android.graphics.Color)	4286400645 (0xFF7D4885)
YUV	94.8010, 18.8321, 26.4845
Hunter-Lab	32.6480, 24.7264, -19.6625

Details

The CIELCh color $39, 41.368, 322.837$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $51, 40.968, 138.027$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 41.298, 323.067$, and $19, 41.510, 322.787$ is the 20% darker color. If you saturate the color by 10%, you get $36, 49.630, 323.180$, and if you desaturate by 10%, it is $42, 32.571, 322.434$.

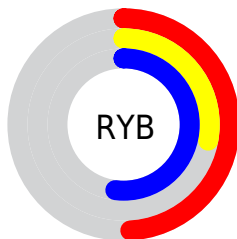
Distribution



Red (49%)

Green (28%)

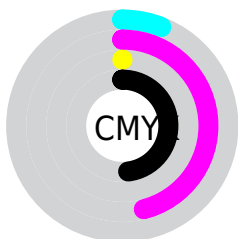
Blue (52%)



Red (49%)

Yellow (28%)

Blue (52%)

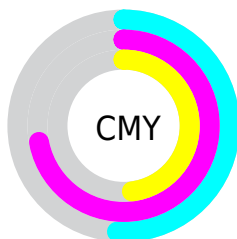


Cyan (6%)

Magenta (46%)

Yellow (0%)

Black (48%)



Cyan (51%)


Magenta (72%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 41.368, 322.837 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, 41.368, 322.837 by changing the saturation by 10% instead.


 39, 41.368,
322.837


 39, 41.368,
322.837

 100, 41.368,
322.837


 29, 41.368,
322.837

 59, 41.368,
322.837


 19, 41.368,
322.837


 69, 41.368,
322.837

 9, 41.368, 322.837

 79, 41.368,
322.837

 0, 41.368, 322.837

 89, 41.368,
322.837

 99, 41.368,
322.837

39, 41.368,
322.837

39, 41.368,
322.837

36, 49.630,
323.180

42, 32.571,
322.434

33, 57.032,
323.435

46, 23.509,
321.995

31, 63.206,
323.572

49, 14.373,
321.538

29, 67.821,
323.561

53, 5.298, 321.063

28, 70.802,
323.394

57, 3.631, 140.694

28, 71.905,
323.320

61, 12.360,
140.231

65, 20.860,
139.817

69, 29.119,
139.430

■ 73, 37.134,
139.069

Harmonies

Complementary

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



39, 41.368, 322.837



51, 40.968, 138.027

Rectangle

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



39, 41.368, 322.837



39, 41.368, 12.837



39, 41.368, 142.837



39, 41.368, 192.837

Sweetspot

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



39, 41.366, 322.837



64, 15.714, 321.464



36, 32.864, 290.866



32, 10.814, 321.550



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



39, 41.366, 322.837



47, 60.650, 323.191



39, 33.250, 340.849



26, 5.066, 321.220



27, 70.796, 323.329



0, 1.205, 320.825

Inverse Universe

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



38, 27.710, 14.238



46, 41.895, 16.462



51, 32.592, 152.945



26, 3.092, 9.325



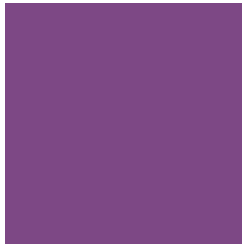
26, 58.050, 32.543



0, 0.722, 8.631

Previews

White Background



This preview shows how the CIELCh color 39, 41.368, 322.837 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, 41.368, 322.837 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, 41.368, 322.837

Background



This preview shows how black text looks on a background with the CIELCh color 39, 41.368, 322.837.



This preview shows how white text looks on a background with the CIELCh color 39, 41.368, 322.837.

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, 41.368, 322.837

Protanopia

39, 36.231, 286.133

Deuteranopia

39, 23.454, 283.660



Tritanopia
39, 16.636, 9.412

Trichromacy



Original Color
39, 41.368, 322.837

Protanomaly
38, 36.956, 299.109

Deuteranomaly
39, 28.667, 302.893

Tritanomaly
39, 23.598, 341.246

Monochromacy



Original Color
39, 41.368, 322.837

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 15.516, 321.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 41.368, 322.837 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(125, 72, 133)` looks like.

```
.text, #text, p{  
    color:rgb(125, 72, 133)  
}
```

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(125, 72, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 72, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 41.368, 322.837 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(125, 72, 133) }
```

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

```
.border{ border-color:rgb(125, 72, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 72, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 72, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 72, 133);  
box-shadow:4px 4px 4px 4px rgb(125, 72,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 41.368, 322.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 72, 133) }
```

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

```
.background{ background-color: rgb(125, 72,  
133) }
```

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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