

Converting Colors

CIELCh(39, 46.545, 325.881)

Have a look what the booklet for
CIELCh(39, 46.545, 325.881)
contains.

CIELCh(39, 46.429, 325.653)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(39, 46.429, 325.653)

Conversions

Conversions Part 1

Format	Color
Hex	844387
RGB	132, 67, 135
RGB Percent	52%, 26%, 53%
CMY	0.4825, 0.7374, 0.4708
CMYK	0.02, 0.50, 0.00, 0.47
HSL	297°, 34%, 40%
HSV	297°, 50%, 53%
XYZ	15.8830, 10.6589, 24.1254
YIQ	94.1870, 16.9120, 34.9280

Conversions

Conversions Part 2

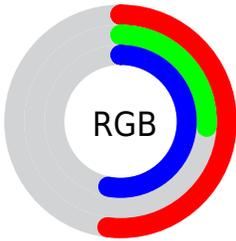
Format	Color
R_{YB}	132, 67, 135
Decimal	8668039
CIE _{Lab}	39.00, 38.33, -26.20
CIE _{LCh}	39, 46.429, 325.653
Yxy	10.6589, 0.3135, 0.2104
Android (android.graphics.Color)	4286858119 (0xFF844387)
YUV	94.1870, 20.1208, 33.1620
Hunter-Lab	32.6480, 29.7045, -20.9589

Details

The CIELCh color $39, 46.429, 325.653$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $51, 46.458, 139.605$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 46.463, 325.618$, and $19, 46.607, 325.494$ is the 20% darker color. If you saturate the color by 10%, you get $36, 54.317, 326.015$, and if you desaturate by 10%, it is $42, 37.739, 325.229$.

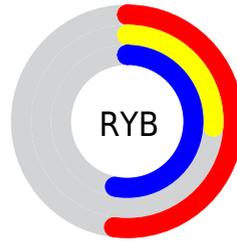
Distribution



Red (52%)

Green (26%)

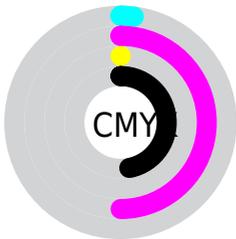
Blue (53%)



Red (52%)

Yellow (26%)

Blue (53%)

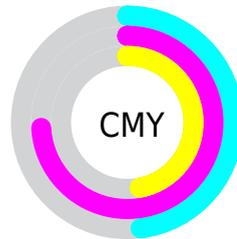


Cyan (2%)

Magenta (50%)

Yellow (0%)

Black (47%)



Cyan (48%)

Magenta (74%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 39, 46.429, 325.653 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, 46.429, 325.653 by changing the saturation by 10% instead.

 39, 46.429,
325.653

 39, 46.429,
325.653

 100, 46.429,
325.653

 29, 46.429,
325.653

 59, 46.429,
325.653

 19, 46.429,
325.653

 69, 46.429,
325.653

 9, 46.429, 325.653

 79, 46.429,
325.653

 0, 46.429, 325.653

 89, 46.429,
325.653

 99, 46.429,
325.653

39, 46.429,
325.653

39, 46.429,
325.653

36, 54.317,
326.015

42, 37.739,
325.229

34, 61.059,
326.296

45, 28.568,
324.762

32, 66.323,
326.477

49, 19.166,
324.269

31, 69.888,
326.547

52, 9.721, 323.759

56, 0.362, 322.767

30, 72.185,
326.543

60, 8.825, 142.811

64, 17.790,
142.328

68, 26.506,
141.874

■ 72, 34.961,
141.445

Harmonies

Complementary

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



39, 46.429, 325.653



51, 46.458, 139.605

Rectangle

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



39, 46.429, 325.653



39, 46.429, 15.653



39, 46.429, 145.653



39, 46.429, 195.653

Sweetspot

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



39, 46.427, 325.653



65, 17.485, 324.014



33, 40.658, 295.363



33, 12.032, 324.107



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, 46.427, 325.653



47, 66.832, 326.046



38, 34.925, 345.851



26, 5.200, 323.693



29, 70.276, 326.549



0, 1.238, 323.256

Inverse Universe

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



37, 31.529, 21.667



44, 47.655, 24.214



51, 33.612, 156.090



26, 3.052, 16.300



26, 60.792, 36.748



0, 0.709, 15.735

Previews

White Background



This preview shows how the CIELCh color 39, 46.429, 325.653 looks on a white background.

Color Contrast Check

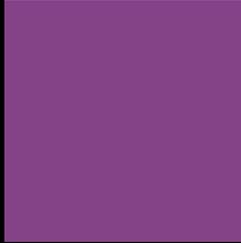
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.429, 325.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

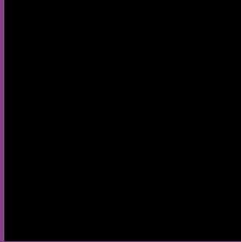
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

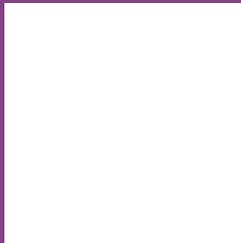
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 46.429, 325.653

Background



This preview shows how black text looks on a background with the CIELCh color 39, 46.429, 325.653.



This preview shows how white text looks on a background with the CIELCh color 39, 46.429, 325.653.

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](#).

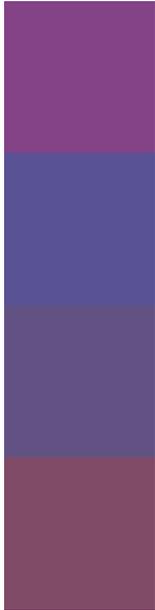
Dichromacy





Tritanopia
39, 21.169, 12.988

Trichromacy



Original Color
39, 46.429, 325.653

Protanomaly
38, 40.604, 299.184

Deuteranomaly
38, 31.346, 305.033

Tritanomaly
39, 27.397, 345.966

Monochromacy



Original Color
39, 46.429, 325.653

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 18.127, 324.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 46.429, 325.653 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(132, 67, 135)` looks like.

```
.text, #text, p{  
    color:rgb(132, 67, 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(132, 67, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 67, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 46.429, 325.653 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(132, 67, 135) }
```

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

```
.border{ border-color:rgb(132, 67, 135) }
```

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

Here you see how a box with a 4 pixel rgb(132, 67, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 67, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 67, 135);  
box-shadow:4px 4px 4px 4px rgb(132, 67,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 46.429, 325.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 67, 135) }
```

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

```
.background{ background-color: rgb(132, 67,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor