

Converting Colors

CIELCh(39, 44.080, 324.932)

Have a look what the booklet for
CIELCh(39, 44.080, 324.932)
contains.

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Color

CIELCh(39, 43.840, 325.007)

Conversions

Conversions Part 1

Format	Color
Hex	814585
RGB	129, 69, 133
RGB Percent	51%, 27%, 52%
CMY	0.4934, 0.7287, 0.4777
CMYK	0.03, 0.48, 0.00, 0.48
HSL	296°, 32%, 40%
HSV	296°, 48%, 52%
XYZ	15.4681, 10.6589, 23.5004
YIQ	94.2360, 15.2160, 32.6240

Conversions

Conversions Part 2

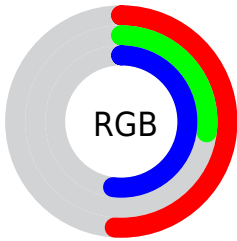
Format	Color
RYB	129, 69, 133
Decimal	8471941
CIELab	39.00, 35.91, -25.14
CIELCh	39, 43.840, 325.007
Yxy	10.6589, 0.3117, 0.2148
Android (android.graphics.Color)	4286662021 (0xFF814585)
YUV	94.2360, 19.1107, 30.4880
Hunter-Lab	32.6480, 27.4366, -19.8239

Details

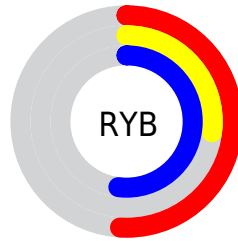
The CIELCh color $[39, 43.840, 325.007]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[50, 43.757, 139.435]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 43.860, 325.055]$, and $[19, 43.776, 325.191]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 51.883, 325.372]$, and if you desaturate by 10%, it is $[42, 35.108, 324.583]$.

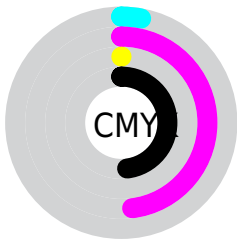
Distribution



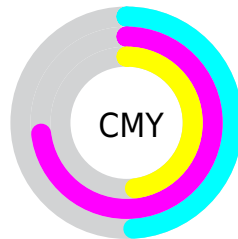
- Red (51%)
- Green (27%)
- Blue (52%)



- Red (51%)
- Yellow (27%)
- Blue (52%)



- Cyan (3%)
- Magenta (48%)
- Yellow (0%)
- Black (48%)





- Cyan (49%)
- Magenta (73%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 43.840, 325.007 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, 43.840, 325.007 by changing the saturation by 10% instead.

 39, 43.840,
325.007


 39, 43.840,
325.007

 100, 43.840,
325.007


 29, 43.840,
325.007

 59, 43.840,
325.007


 19, 43.840,
325.007

 69, 43.840,
325.007

 9, 43.840, 325.007

 79, 43.840,
325.007

 0, 43.840, 325.007

 89, 43.840,
325.007

 99, 43.840,
325.007

39, 43.840,
325.007

39, 43.840,
325.007

36, 51.883,
325.372

42, 35.108,
324.583

34, 58.898,
325.656

45, 25.984,
324.119

32, 64.541,
325.838

49, 16.697,
323.632

31, 68.546,
325.902

53, 7.411, 323.129

56, 1.762, 142.770

30, 71.108,
325.863

60, 10.750,
142.211

30, 71.586,
325.855

64, 19.511,
141.748

68, 28.025,
141.313

■ 72, 36.283,
140.903

Harmonies

Complementary

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



39, 43.840, 325.007



50, 43.757, 139.435

Rectangle

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



39, 43.840, 325.007



39, 43.840, 15.007



39, 43.840, 145.007



39, 43.840, 195.007

Sweetspot

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



39, 43.838, 325.007



64, 16.031, 323.446



34, 37.461, 294.223



32, 11.030, 323.539



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, 43.838, 325.007



47, 64.083, 325.413



38, 33.388, 344.613



26, 5.171, 323.184



29, 70.362, 325.861



0, 1.231, 322.757

Inverse Universe

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



37, 29.459, 19.842



45, 45.088, 22.349



51, 32.281, 155.617



26, 3.057, 14.823



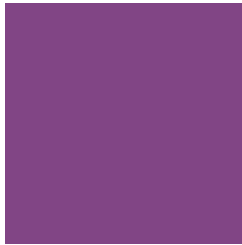
26, 60.260, 35.998



0, 0.711, 14.225

Previews

White Background



This preview shows how the CIELCh color 39, 43.840, 325.007 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, 43.840, 325.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

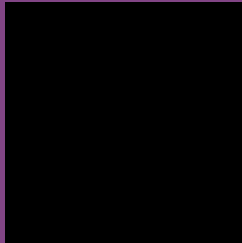
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 43.840, 325.007

Background



This preview shows how black text looks on a background with the CIELCh color 39, 43.840, 325.007.



This preview shows how white text looks on a background with the CIELCh color 39, 43.840, 325.007.

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, 43.840, 325.007

Protanopia

39, 37.473, 285.903

Deuteranopia

39, 23.410, 284.447



Tritanopia
39, 19.352, 11.710

Trichromacy



Original Color
39, 43.840, 325.007

Protanomaly
38, 38.828, 299.626

Deuteranomaly
39, 30.057, 304.689

Tritanomaly
39, 25.813, 344.440

Monochromacy



Original Color
39, 43.840, 325.007

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 16.683, 324.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 43.840, 325.007 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(129, 69, 133)` looks like.

```
.text, #text, p{  
    color:rgb(129, 69, 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(129, 69, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 69, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 43.840, 325.007 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(129, 69, 133) }
```

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

```
.border{ border-color:rgb(129, 69, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 69, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 69, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 69, 133);  
box-shadow:4px 4px 4px 4px rgb(129, 69,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 43.840, 325.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 69, 133) }
```

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

```
.background{ background-color: rgb(129, 69,  
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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