

Converting Colors

CIELCh(39, 45.559, 333.105)

Have a look what the booklet for
CIELCh(39, 45.559, 333.105)
contains.

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Color

CIELCh(39, 45.349, 332.973)

Conversions

Conversions Part 1

Format	Color
Hex	8B407E
RGB	139, 64, 126
RGB Percent	55%, 25%, 49%
CMY	0.4550, 0.7491, 0.5059
CMYK	0.00, 0.54, 0.09, 0.45
HSL	310°, 37%, 40%
HSV	310°, 54%, 55%
XYZ	16.2426, 10.6589, 20.9353
YIQ	93.4930, 24.7980, 35.1820

Conversions

Conversions Part 2

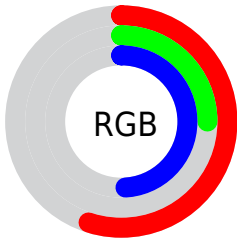
Format	Color
R_{YB}	139, 64, 126
Decimal	9126014
CIE _{Lab}	39.00, 40.40, -20.61
CIE _{LCh}	39, 45.349, 332.973
Yxy	10.6589, 0.3395, 0.2228
Android (android.graphics.Color)	4287316094 (0xFF8B407E)
YUV	93.4930, 16.0260, 39.9096
Hunter-Lab	32.6480, 31.6708, -15.1656

Details

The CIELCh color **39, 45.349, 332.973** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **52, 45.602, 144.912**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 45.397, 332.796**, and **19, 45.434, 333.077** is the 20% darker color. If you saturate the color by 10%, you get **36, 52.114, 333.642**, and if you desaturate by 10%, it is **42, 37.651, 332.318**.

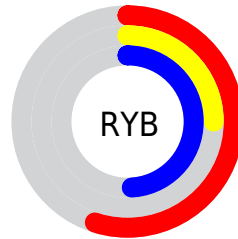
Distribution



Red (55%)

Green (25%)

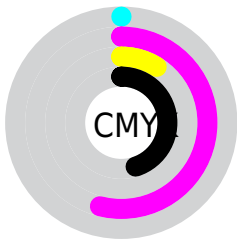
Blue (49%)



Red (55%)

Yellow (25%)

Blue (49%)

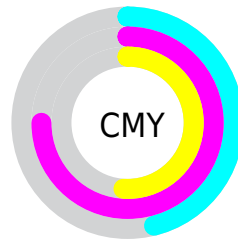


Cyan (0%)

Magenta (54%)

Yellow (9%)

Black (45%)



Cyan (46%)


Magenta (75%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 45.349, 332.973 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, 45.349, 332.973 by changing the saturation by 10% instead.


 39, 45.349,
332.973


 39, 45.349,
332.973

 100, 45.349,
332.973


 29, 45.349,
332.973

 59, 45.349,
332.973


 19, 45.349,
332.973


 69, 45.349,
332.973

 9, 45.349, 332.973

 79, 45.349,
332.973

 0, 45.349, 332.973

 89, 45.349,
332.973

 99, 45.349,
332.973

39, 45.349,
332.973

39, 45.349,
332.973

36, 52.114,
333.642

42, 37.651,
332.318

34, 57.589,
334.334

45, 29.364,
331.675

33, 61.461,
335.064

49, 20.765,
331.043

32, 63.581,
335.858

52, 12.062,
330.421

31, 64.477,
336.350

56, 3.401, 329.778

60, 5.122, 149.317

64, 13.450,
148.739

68, 21.552,
148.208

■ 72, 29.416,
147.706

Harmonies

Complementary

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



39, 45.349, 332.973



52, 45.602, 144.912

Rectangle

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



39, 45.349, 332.973



39, 45.349, 22.973



39, 45.349, 152.973



39, 45.349, 202.973

Sweetspot

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



39, 45.347, 332.973



66, 17.174, 330.569



32, 47.439, 302.131



34, 11.694, 330.681



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



39, 45.347, 332.973



47, 65.084, 333.809



38, 34.709, 0.711



27, 4.826, 330.123



30, 62.350, 336.308



0, 2.226, 329.611

Inverse Universe

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



39, 45.347, 332.973



47, 65.084, 333.809



53, 30.326, 167.918



27, 4.826, 330.123



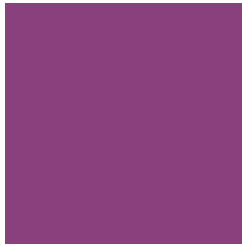
30, 62.350, 336.308



0, 2.226, 329.611

Previews

White Background



This preview shows how the CIELCh color 39, 45.349, 332.973 looks on a white background.

Color Contrast Check

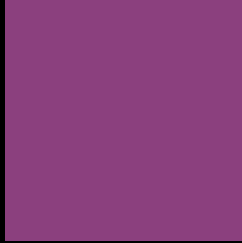
Large Text (above 18pt) WCAG AA ✓ Pass

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, 45.349, 332.973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

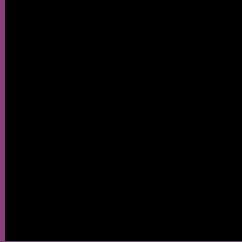
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 45.349, 332.973

Background



This preview shows how black text looks on a background with the CIELCh color 39, 45.349, 332.973.



This preview shows how white text looks on a background with the CIELCh color 39, 45.349, 332.973.

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, 45.349, 332.973

Protanopia

40, 34.996, 285.476

Deuteranopia

39, 18.395, 287.306



Tritanopia
39, 26.772, 17.420

Trichromacy



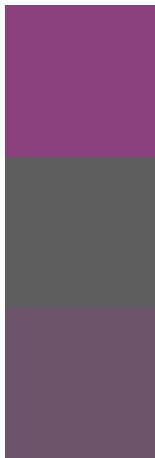
Original Color
39, 45.349, 332.973

Protanomaly
38, 36.681, 303.333

Deuteranomaly
38, 27.397, 313.007

Tritanomaly
39, 31.024, 354.881

Monochromacy



Original Color
39, 45.349, 332.973

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 18.143, 331.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 45.349, 332.973 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(139, 64, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 64, 126)  
}
```

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(139, 64, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 64, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 45.349, 332.973 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(139, 64, 126) }
```

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

```
.border{ border-color:rgb(139, 64, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 64, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 64, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 64, 126);  
box-shadow:4px 4px 4px 4px rgb(139, 64,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 45.349, 332.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 64, 126) }
```

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

```
.background{ background-color: rgb(139, 64,  
126) }
```

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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