

Converting Colors

CIELCh(39, 37.818, 347.930)

Have a look what the booklet for
CIELCh(39, 37.818, 347.930)
contains.

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Color

CIELCh(39, 37.958, 347.705)

Conversions

Conversions Part 1

Format	Color
Hex	8E426A
RGB	142, 66, 106
RGB Percent	56%, 26%, 42%
CMY	0.4437, 0.7416, 0.5848
CMYK	0.00, 0.54, 0.25, 0.44
HSL	328°, 37%, 41%
HSV	328°, 54%, 56%
XYZ	15.6684, 10.6589, 14.8337
YIQ	93.2840, 32.4560, 28.5520

Conversions

Conversions Part 2

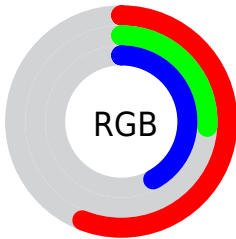
Format	Color
R_{YB}	142, 66, 106
Decimal	9323114
CIE Lab	39.00, 37.09, -8.08
CIE LCh	39, 37.958, 347.705
Yxy	10.6589, 0.3807, 0.2590
Android (android.graphics.Color)	4287513194 (0xFF8E426A)
YUV	93.2840, 6.2690, 42.7239
Hunter-Lab	32.6480, 28.5312, -4.0849

Details

The CIELCh color **39, 37.958, 347.705** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **53, 36.260, 156.770**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **59, 37.878, 348.095**, and **19, 38.087, 347.493** is the 20% darker color. If you saturate the color by 10%, you get **36, 43.922, 349.275**, and if you desaturate by 10%, it is **42, 31.269, 346.383**.

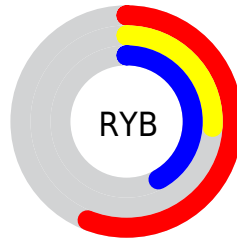
Distribution



Red (56%)

Green (26%)

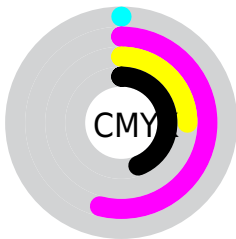
Blue (42%)



Red (56%)

Yellow (26%)

Blue (42%)

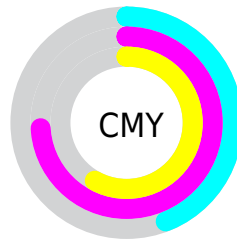


Cyan (0%)

Magenta (54%)

Yellow (25%)

Black (44%)



Cyan (44%)


Magenta (74%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 37.958, 347.705 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, 37.958, 347.705 by changing the saturation by 10% instead.


 39, 37.958,
347.705


 39, 37.958,
347.705

 100, 37.958,
347.705


 29, 37.958,
347.705

 59, 37.958,
347.705


 19, 37.958,
347.705


 69, 37.958,
347.705

 9, 37.958, 347.705

 79, 37.958,
347.705

 0, 37.958, 347.705

 89, 37.958,
347.705

 99, 37.958,
347.705

■ 39, 37.958,
347.705

■ 39, 37.958,
347.705

■ 36, 43.922,
349.275

■ 42, 31.269,
346.383

■ 34, 48.814,
351.182

■ 46, 24.173,
345.240

■ 32, 52.317,
353.549

■ 50, 16.911,
344.229

■ 31, 54.280,
356.518

■ 53, 9.653, 343.316

■ 58, 2.509, 342.409

■ 30, 55.200,
358.597

■ 62, 4.457, 161.855

■ 66, 11.211,
161.127

■ 70, 17.740,
160.481

■ 74, 24.045,
159.886

Harmonies

Complementary

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



39, 37.958, 347.705



53, 36.260, 156.770

Rectangle

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



39, 37.958, 347.705



39, 37.958, 37.705



39, 37.958, 167.705



39, 37.958, 217.705

Sweetspot

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



39, 37.956, 347.706



67, 14.094, 343.562



35, 48.300, 310.697



34, 9.497, 343.722



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, 37.956, 347.706



46, 54.257, 349.585



38, 35.302, 23.177



28, 4.022, 342.934



28, 53.320, 358.407



1, 2.689, 342.253

Inverse Universe

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



39, 37.956, 347.706



46, 54.257, 349.585



54, 24.704, 193.639



28, 4.022, 342.934



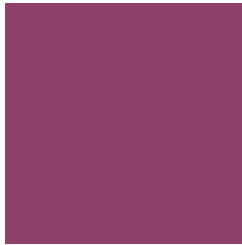
28, 53.320, 358.407



1, 2.689, 342.253

Previews

White Background



This preview shows how the CIE LCh color 39, 37.958, 347.705 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, 37.958, 347.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

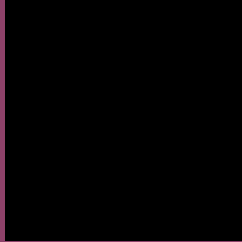
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 37.958, 347.705

Background



This preview shows how black text looks on a background with the CIELCh color 39, 37.958, 347.705.



This preview shows how white text looks on a background with the CIELCh color 39, 37.958, 347.705.

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, 37.958, 347.705

Protanopia

39, 19.663, 285.848

Deuteranopia

39, 7.922, 312.382



Tritanopia
39, 30.549, 18.996

Trichromacy



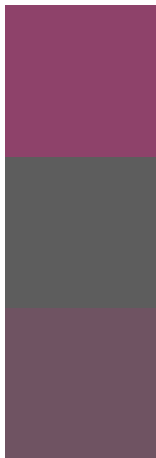
Original Color
39, 37.958, 347.705

Protanomaly
38, 23.327, 315.584

Deuteranomaly
39, 18.808, 336.744

Tritanomaly
39, 31.864, 5.551

Monochromacy



Original Color
39, 37.958, 347.705

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 14.903, 343.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 37.958, 347.705 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(142, 66, 106)` looks like.

```
.text, #text, p{  
    color:rgb(142, 66, 106)  
}
```

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(142, 66, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 66, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 37.958, 347.705 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(142, 66, 106) }
```

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

```
.border{ border-color:rgb(142, 66, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 66, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 66, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 66, 106);  
box-shadow:4px 4px 4px 4px rgb(142, 66,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 37.958, 347.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 66, 106) }
```

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

```
.background{ background-color: rgb(142, 66,  
106) }
```

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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