

Converting Colors

CIELCh(35, 39.871, 344.353)

Have a look what the booklet for
CIELCh(35, 39.871, 344.353)
contains.

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Color

CIELCh(35, 39.597, 344.415)

Conversions

Conversions Part 1

Format	Color
Hex	833764
RGB	131, 55, 100
RGB Percent	51%, 22%, 39%
CMY	0.4858, 0.7839, 0.6074
CMYK	0.00, 0.58, 0.24, 0.49
HSL	324°, 41%, 37%
HSV	324°, 58%, 51%
XYZ	13.0536, 8.4984, 13.0346
YIQ	82.8540, 30.8510, 30.1070

Conversions

Conversions Part 2

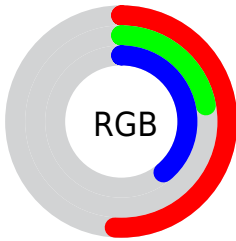
Format	Color
R_{YB}	131, 55, 100
Decimal	8599396
CIE _{Lab}	35.00, 38.14, -10.64
CIE _{LCh}	35, 39.597, 344.415
Yxy	8.4984, 0.3774, 0.2457
Android (android.graphics.Color)	4286789476 (0xFF833764)
YUV	82.8540, 8.4530, 42.2240
Hunter-Lab	29.1520, 28.9121, -6.1037

Details

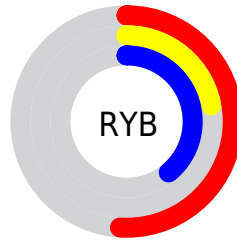
The CIELCh color **35, 39.597, 344.415** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49, 38.611, 153.144**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 39.321, 344.394**, and **15, 39.454, 344.937** is the 20% darker color. If you saturate the color by 10%, you get **33, 44.918, 345.829**, and if you desaturate by 10%, it is **38, 33.411, 343.209**.

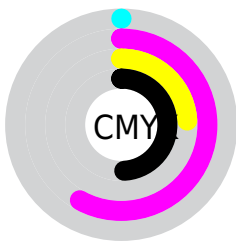
Distribution



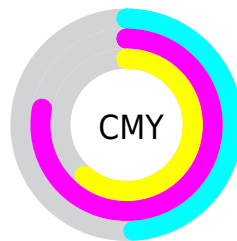
- Red (51%)
- Green (22%)
- Blue (39%)



- Red (51%)
- Yellow (22%)
- Blue (39%)



- Cyan (0%)
- Magenta (58%)
- Yellow (24%)
- Black (49%)





- Cyan (49%)
- Magenta (78%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 39.597, 344.415 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 35, 39.597, 344.415 by changing the saturation by 10% instead.


 35, 39.597,
344.415


 35, 39.597,
344.415

 100, 39.597,
344.415


 25, 39.597,
344.415

 55, 39.597,
344.415


 15, 39.597,
344.415


 65, 39.597,
344.415

 5, 39.597, 344.415

 75, 39.597,
344.415

 0, 39.597, 344.415

 85, 39.597,
344.415

 95, 39.597,
344.415

■ 35, 39.597,
344.415

■ 35, 39.597,
344.415

■ 33, 44.918,
345.829

■ 38, 33.411,
343.209

■ 30, 49.047,
347.526

■ 41, 26.684,
342.153

■ 29, 51.721,
349.611

■ 44, 19.677,
341.209

■ 28, 53.137,
352.095

■ 48, 12.583,
340.348

■ 28, 53.423,
352.600

■ 52, 5.534, 339.540

■ 56, 1.386, 159.065

■ 59, 8.130, 158.232

■ 63, 14.673,
157.594

■ 67, 21.007,
157.006

Harmonies

Complementary

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



35, 39.597, 344.415



49, 38.611, 153.144

Rectangle

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



35, 39.597, 344.415



35, 39.597, 34.415



35, 39.597, 164.415



35, 39.597, 214.415

Sweetspot

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



35, 39.595, 344.416



62, 14.772, 340.301



30, 48.937, 308.962



32, 9.970, 340.439



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



35, 39.595, 344.416



42, 56.524, 346.409



34, 35.421, 19.213



26, 3.956, 339.634



28, 53.117, 352.573



0, 0.939, 339.004

Inverse Universe

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



35, 39.595, 344.416



42, 56.524, 346.409



50, 25.469, 186.682



26, 3.956, 339.634



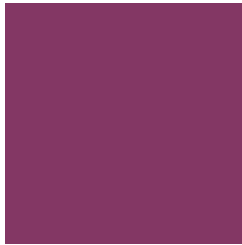
28, 53.117, 352.573



0, 0.939, 339.004

Previews

White Background



This preview shows how the CIE LCh color 35, 39.597, 344.415 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 35, 39.597, 344.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

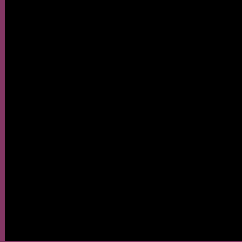
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 39.597, 344.415

Background



This preview shows how black text looks on a background with the CIELCh color 35, 39.597, 344.415.



This preview shows how white text looks on a background with the CIELCh color 35, 39.597, 344.415.

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

35, 39.597, 344.415

Protanopia

35, 23.198, 284.562

Deuteranopia

35, 9.531, 301.490



Tritanopia
35, 30.309, 20.413

Trichromacy



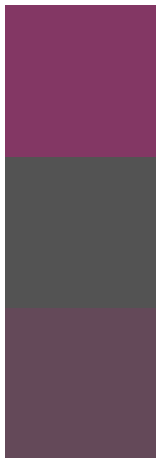
Original Color
35, 39.597, 344.415

Protanomaly
34, 26.366, 311.553

Deuteranomaly
35, 19.858, 331.092

Tritanomaly
35, 31.980, 4.825

Monochromacy



Original Color
35, 39.597, 344.415

Achromatopsia
35, 0.005, 296.813

Achromatomaly
34, 15.202, 341.022

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 39.597, 344.415 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(131, 55, 100)` looks like.

```
.text, #text, p{  
    color:rgb(131, 55, 100)  
}
```

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(131, 55, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 55, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 39.597, 344.415 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(131, 55, 100) }
```

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

```
.border{ border-color:rgb(131, 55, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 55, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 55, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 55, 100); box-shadow:4px 4px 4px 4px rgb(131, 55, 100) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 39.597, 344.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 55, 100) }
```

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

```
.background{ background-color: rgb(131, 55,  
100) }
```

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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