

Converting Colors

CIELCh(39, 36.130, 342.565)

Have a look what the booklet for
CIELCh(39, 36.130, 342.565)
contains.

CIELCh(39, 35.975, 342.833)	3
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Color

CIELCh(39, 35.975, 342.833)

Conversions

Conversions Part 1

Format	Color
Hex	89456E
RGB	137, 69, 110
RGB Percent	54%, 27%, 43%
CMY	0.4635, 0.7301, 0.5693
CMYK	0.00, 0.50, 0.20, 0.46
HSL	324°, 33%, 40%
HSV	324°, 50%, 54%
XYZ	15.2074, 10.6589, 15.9573
YIQ	94.0060, 27.3670, 27.1670

Conversions

Conversions Part 2

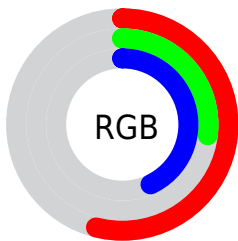
Format	Color
R_{YB}	137, 69, 110
Decimal	8996206
CIE _{Lab}	39.00, 34.37, -10.62
CIE _{LCh}	39, 35.975, 342.833
Yxy	10.6589, 0.3636, 0.2549
Android (android.graphics.Color)	4287186286 (0xFF89456E)
YUV	94.0060, 7.8850, 37.7057
Hunter-Lab	32.6480, 26.0111, -6.1254

Details

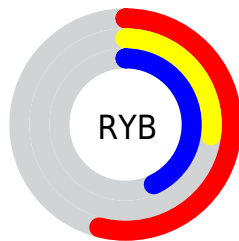
The CIELCh color $[39, 35.975, 342.833]$ is a dark color, and the websafe version is hex 993366 . A complement of this color would be $[52, 35.070, 153.754]$, and the grayscale version is $[40, 0.006, 296.813]$.

A 20% lighter version of the original color is $[59, 36.389, 342.432]$, and $[19, 35.705, 343.313]$ is the 20% darker color. If you saturate the color by 10%, you get $[36, 42.259, 344.047]$, and if you desaturate by 10%, it is $[42, 29.054, 341.773]$.

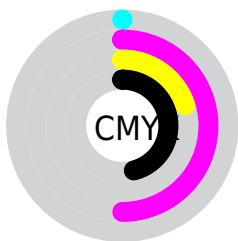
Distribution



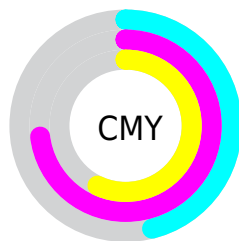
- Red (54%)
- Green (27%)
- Blue (43%)



- Red (54%)
- Yellow (27%)
- Blue (43%)



- Cyan (0%)
- Magenta (50%)
- Yellow (20%)
- Black (46%)





- Cyan (46%)
- Magenta (73%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 35.975, 342.833 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, 35.975, 342.833 by changing the saturation by 10% instead.


 39, 35.975,
342.833


 39, 35.975,
342.833

 100, 35.975,
342.833


 29, 35.975,
342.833

 59, 35.975,
342.833


 19, 35.975,
342.833


 69, 35.975,
342.833

 9, 35.975, 342.833

 79, 35.975,
342.833

 0, 35.975, 342.833

 89, 35.975,
342.833

 99, 35.975,
342.833

■ 39, 35.975,
342.833

■ 39, 35.975,
342.833

■ 36, 42.259,
344.047

■ 42, 29.054,
341.773

■ 34, 47.572,
345.470

■ 46, 21.791,
340.825

■ 32, 51.569,
347.182

■ 49, 14.400,
339.962

■ 30, 54.004,
349.287

■ 53, 7.032, 339.157

■ 57, 0.217, 159.759

■ 29, 55.286,
351.742

■ 61, 7.291, 157.835

■ 29, 55.328,
351.818

■ 65, 14.159,
157.188

■ 69, 20.812,
156.595

■ 73, 27.249,
156.043

Harmonies

Complementary

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



39, 35.975, 342.833



52, 35.070, 153.754

Rectangle

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



39, 35.975, 342.833



39, 35.975, 32.833



39, 35.975, 162.833



39, 35.975, 212.833

Sweetspot

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



39, 35.973, 342.834



66, 13.591, 339.606



35, 43.171, 307.922



33, 9.249, 339.754



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, 35.973, 342.834



47, 52.524, 344.264



38, 30.974, 16.120



27, 4.115, 339.114



28, 54.118, 351.722



0, 1.893, 338.487

Inverse Universe

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



39, 35.973, 342.834



47, 52.524, 344.264



53, 23.710, 185.798



27, 4.115, 339.114



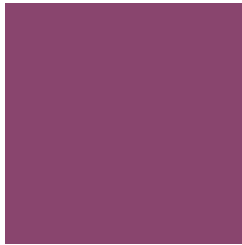
28, 54.118, 351.722



0, 1.893, 338.487

Previews

White Background



This preview shows how the CIE LCh color 39, 35.975, 342.833 looks on a white background.

Color Contrast Check

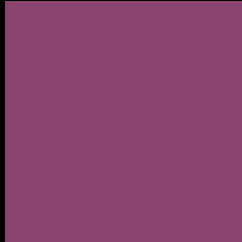
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.975, 342.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

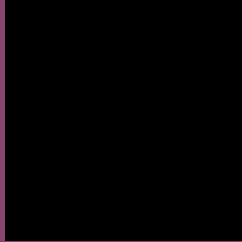
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 39, 35.975, 342.833

Background



This preview shows how black text looks on a background with the CIELCh color 39, 35.975, 342.833.



This preview shows how white text looks on a background with the CIELCh color 39, 35.975, 342.833.

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, 35.975, 342.833

Protanopia

39, 21.538, 285.024

Deuteranopia

39, 10.041, 303.120



Tritanopia
39, 26.772, 17.420

Trichromacy



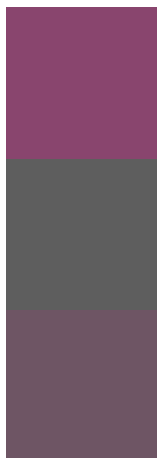
Original Color
39, 35.975, 342.833

Protanomaly
38, 23.937, 310.945

Deuteranomaly
39, 19.063, 328.890

Tritanomaly
39, 28.561, 2.286

Monochromacy



Original Color
39, 35.975, 342.833

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 13.889, 340.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 35.975, 342.833 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(137, 69, 110)` looks like.

```
.text, #text, p{  
    color:rgb(137, 69, 110)  
}
```

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(137, 69, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 69, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 35.975, 342.833 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(137, 69, 110) }
```

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

```
.border{ border-color:rgb(137, 69, 110) }
```

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

Here you see how a box with a 4 pixel rgb(137, 69, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 69, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 69, 110);  
box-shadow:4px 4px 4px 4px rgb(137, 69,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 35.975, 342.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 69, 110) }
```

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

```
.background{ background-color: rgb(137, 69,  
110) }
```

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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