

Converting Colors

CIELCh(71, 0.847, 336.845)

Have a look what the booklet for
CIELCh(71, 0.847, 336.845) contains.

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Color

CIELCh(71, 0.939, 343.352)

Conversions

Conversions Part 1

Format	Color
Hex	AFADAE
RGB	175, 173, 174
RGB Percent	69%, 68%, 68%
CMY	0.3128, 0.3206, 0.3167
CMYK	0.00, 0.01, 0.01, 0.31
HSL	330°, 1%, 68%
HSV	330°, 1%, 69%
XYZ	40.3872, 42.1875, 46.1826
YIQ	173.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

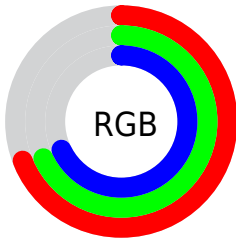
Format	Color
RYB	175, 173, 174
Decimal	11513262
CIELab	71.00, 0.90, -0.27
CIELCh	71, 0.939, 343.352
Yxy	42.1875, 0.3137, 0.3277
Android (android.graphics.Color)	4289703342 (0xFFAFADAE)
YUV	173.7120, 0.1420, 1.1296
Hunter-Lab	64.9519, -2.6741, 3.3095

Details

The CIELCh color $71, 0.939, 343.352$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 0.924, 163.998$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 0.894, 343.218$, and $51, 1.000, 343.494$ is the 20% darker color. If you saturate the color by 10%, you get $66, 9.231, 344.578$, and if you desaturate by 10%, it is $76, 7.121, 163.075$.

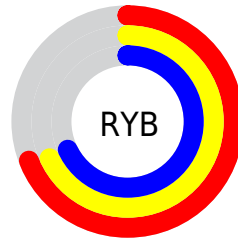
Distribution



Red (69%)

Green (68%)

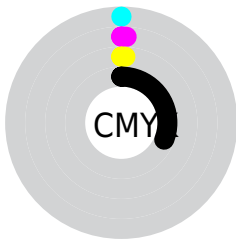
Blue (68%)



Red (69%)

Yellow (68%)

Blue (68%)

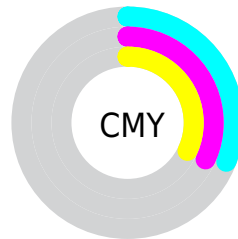


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 0.939, 343.352 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 71, 0.939, 343.352 by changing the saturation by 10% instead.

■ 71, 0.939, 343.352

■ 71, 0.939, 343.352

100, 0.939,
343.352

■ 61, 0.939, 343.352

■ 91, 0.939, 343.352

■ 51, 0.939, 343.352

■ 41, 0.939, 343.352

■ 31, 0.939, 343.352

■ 21, 0.939, 343.352

■ 11, 0.939, 343.352

■ 1, 0.939, 343.352

■ 0, 0.939, 343.352

■ 71, 0.939, 343.352

■ 71, 0.939, 343.352

66, 9.231, 344.578

76, 7.121, 163.075

61, 17.695,
345.522

81, 14.913,
162.351

57, 26.212,
346.568

86, 22.429,
161.699

53, 34.594,
347.757

91, 29.676,
161.100

49, 42.565,
349.142

94, 33.365,
162.701

45, 49.760,
350.795

94, 30.641,
169.291

42, 55.755,
352.819

95, 28.335,
177.015

40, 60.159,
355.350

95, 26.566,
185.895

38, 62.761,
358.546

95, 25.455,
195.767

Harmonies

Complementary

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



71, 0.939, 343.352



71, 0.924, 163.998

Rectangle

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



71, 0.939, 343.352



71, 0.939, 33.352



71, 0.939, 163.352



71, 0.939, 213.352

Sweetspot

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



71, 0.937, 343.391



90, 0.011, 296.813



71, 1.165, 309.025



48, 0.006, 296.813



96, 0.011, 296.813

Same Dimension

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



71, 0.937, 343.391



90, 1.015, 343.334



71, 0.752, 18.810



37, 0.462, 343.286



32, 57.241, 1.319



2, 9.133, 348.844

Inverse Universe

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



71, 0.937, 343.391



90, 1.015, 343.334



71, 0.745, 200.015



37, 0.462, 343.286



32, 57.241, 1.319



2, 9.133, 348.844

Previews

White Background



This preview shows how the CIELCh color 71, 0.939, 343.352 looks on a white 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

Black Background



This preview shows how the CIE LCh color 71, 0.939, 343.352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

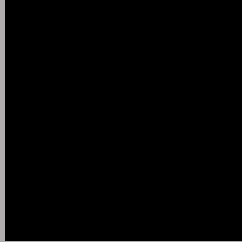
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

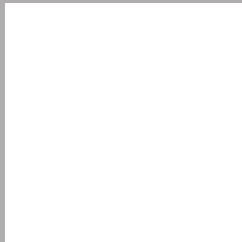
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 0.939, 343.352

Background



This preview shows how black text looks on a background with the CIELCh color 71, 0.939, 343.352.

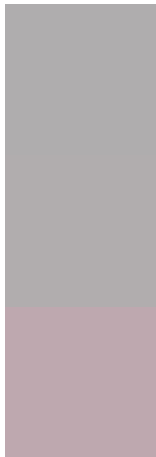


This preview shows how white text looks on a background with the CIELCh color 71, 0.939, 343.352.

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


71, 0.939, 343.352

Protanopia

71, 1.610, 359.442

Deuteranopia

71, 9.205, 355.766



Tritanopia
71, 7.365, 305.285

Trichromacy



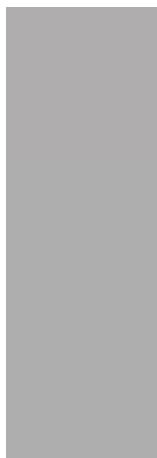
Original Color
71, 0.939, 343.352

Protanomaly
71, 1.262, 353.509

Deuteranomaly
71, 6.316, 354.373

Tritanomaly
71, 5.160, 307.315

Monochromacy



Original Color
71, 0.939, 343.352

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 0.009, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 0.939, 343.352 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(175, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(175, 173, 174)  
}
```

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(175, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 173, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 0.939, 343.352 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(175, 173, 174) }
```

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

```
.border{ border-color:rgb(175, 173, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 173, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(175, 173,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 0.939, 343.352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 173, 174) }
```

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

```
.background{ background-color: rgb(175,  
173, 174) }
```

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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