

Converting Colors

CIELCh(71, 3.520, 343.623)

Have a look what the booklet for
CIELCh(71, 3.520, 343.623) contains.

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Color

CIELCh(71, 3.439, 340.187)

Conversions

Conversions Part 1

Format	Color
Hex	B3ACB0
RGB	179, 172, 176
RGB Percent	70%, 67%, 69%
CMY	0.2983, 0.3257, 0.3101
CMYK	0.00, 0.04, 0.02, 0.30
HSL	326°, 4%, 69%
HSV	326°, 4%, 70%
XYZ	41.1448, 42.1875, 47.0142
YIQ	174.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

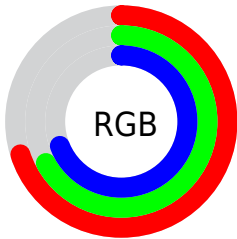
Format	Color
RYB	179, 172, 176
Decimal	11775152
CIELab	71.00, 3.24, -1.17
CIELCh	71, 3.439, 340.187
Yxy	42.1875, 0.3157, 0.3237
Android (android.graphics.Color)	4289965232 (0xFFB3ACB0)
YUV	174.5490, 0.7153, 3.9035
Hunter-Lab	64.9519, -0.5922, 2.5504

Details

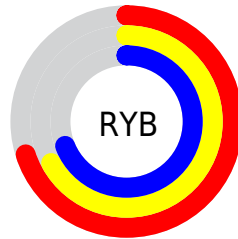
The CIELCh color $71, 3.439, 340.187$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 3.413, 159.810$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 3.879, 337.628$, and $51, 3.366, 335.910$ is the 20% darker color. If you saturate the color by 10%, you get $66, 12.344, 341.065$, and if you desaturate by 10%, it is $76, 5.265, 159.633$.

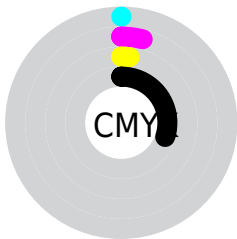
Distribution



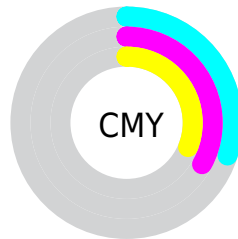
- Red (70%)
- Green (67%)
- Blue (69%)



- Red (70%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 3.439, 340.187 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, 3.439, 340.187 by changing the saturation by 10% instead.

■ 71, 3.439, 340.187

■ 71, 3.439, 340.187

■ 100, 3.439,
340.187

■ 61, 3.439, 340.187

■ 91, 3.439, 340.187

■ 51, 3.439, 340.187

■ 41, 3.439, 340.187

■ 31, 3.439, 340.187

■ 21, 3.439, 340.187

■ 11, 3.439, 340.187

■ 1, 3.439, 340.187

■ 0, 3.439, 340.187

■ 71, 3.439, 340.187

■ 71, 3.439, 340.187

66, 12.344,
341.065

76, 5.265, 159.633

61, 21.365,
341.948

81, 13.714,
158.914

57, 30.351,
342.918

86, 21.890,
158.276

53, 39.071,
344.006

91, 29.791,
157.686

49, 47.201,
345.254

94, 33.747,
159.066

46, 54.331,
346.723

94, 31.176,
164.450

43, 60.008,
348.498

95, 28.881,
170.706

41, 63.847,
350.695

95, 26.940,
177.915

39, 65.693,

95, 25.440,
186.079

353.445

Harmonies

Complementary

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



71, 3.439, 340.187



72, 3.413, 159.810

Rectangle

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



71, 3.439, 340.187



71, 3.439, 30.187



71, 3.439, 160.187



71, 3.439, 210.187

Sweetspot

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



71, 3.437, 340.196



91, 1.088, 339.688



71, 3.994, 306.270



49, 0.624, 339.663



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 3.437, 340.196



89, 5.434, 340.309



71, 2.669, 12.622



36, 2.985, 340.356



33, 59.129, 354.868



2, 11.082, 345.876

Inverse Universe

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



71, 3.437, 340.196



89, 5.434, 340.309



72, 2.613, 192.412



36, 2.985, 340.356



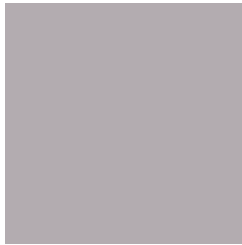
33, 59.129, 354.868



2, 11.082, 345.876

Previews

White Background



This preview shows how the CIELCh color 71, 3.439, 340.187 looks on a white background.

Color Contrast Check

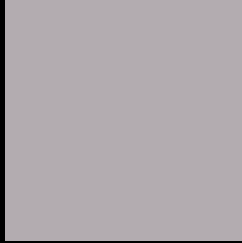
Large Text (above 18pt) WCAG AA × Fail

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, 3.439, 340.187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

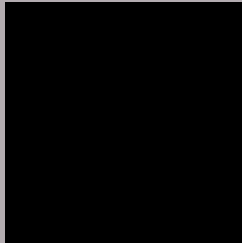
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

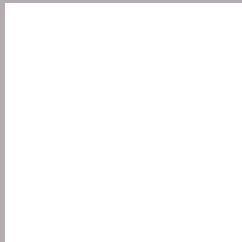
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 3.439, 340.187

Background



This preview shows how black text looks on a background with the CIELCh color 71, 3.439, 340.187.



This preview shows how white text looks on a background with the CIELCh color 71, 3.439, 340.187.

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, 3.439, 340.187

Protanopia

71, 2.003, 324.417

Deuteranopia

71, 9.357, 348.634



Tritanopia
71, 7.882, 315.759

Trichromacy



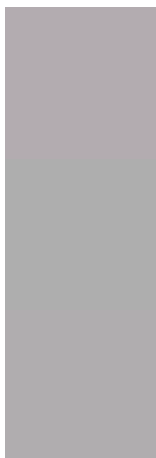
Original Color
71, 3.439, 340.187

Protanomaly
71, 2.238, 332.351

Deuteranomaly
71, 7.472, 344.313

Tritanomaly
71, 6.443, 321.945

Monochromacy



Original Color
71, 3.439, 340.187

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.583, 335.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 3.439, 340.187 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(179, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 176)  
}
```

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(179, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 3.439, 340.187 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(179, 172, 176) }
```

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

```
.border{ border-color:rgb(179, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 3.439, 340.187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 176) }
```

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

```
.background{ background-color: rgb(179,  
172, 176) }
```

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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