

Converting Colors

CIELCh(71, 1.874, 343.637)

Have a look what the booklet for
CIELCh(71, 1.874, 343.637) contains.

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Color

CIELCh(71, 1.871, 343.634)

Conversions

Conversions Part 1

Format	Color
Hex	B1ADAF
RGB	177, 173, 175
RGB Percent	69%, 68%, 69%
CMY	0.3069, 0.3226, 0.3148
CMYK	0.00, 0.02, 0.01, 0.31
HSL	330°, 2%, 69%
HSV	330°, 2%, 69%
XYZ	40.6766, 42.1875, 46.4211
YIQ	174.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

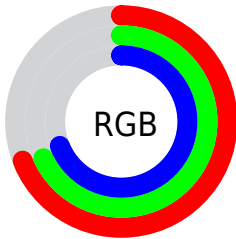
Format	Color
RYB	177, 173, 175
Decimal	11644335
CIELab	71.00, 1.80, -0.53
CIELCh	71, 1.871, 343.634
Yxy	42.1875, 0.3146, 0.3263
Android (android.graphics.Color)	4289834415 (0xFFB1ADAF)
YUV	174.4240, 0.2840, 2.2592
Hunter-Lab	64.9519, -1.8790, 3.0918

Details

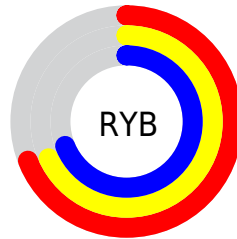
The CIELCh color $71, 1.871, 343.634$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 1.852, 163.689$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 2.079, 349.366$, and $51, 1.687, 335.681$ is the 20% darker color. If you saturate the color by 10%, you get $66, 10.246, 344.660$, and if you desaturate by 10%, it is $76, 6.276, 163.143$.

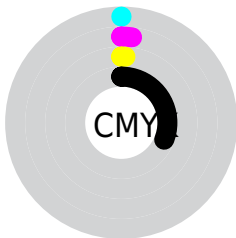
Distribution



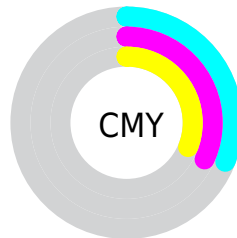
- Red (69%)
- Green (68%)
- Blue (69%)



- Red (69%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 1.871, 343.634 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, 1.871, 343.634 by changing the saturation by 10% instead.

■ 71, 1.871, 343.634

■ 71, 1.871, 343.634

100, 1.871,
343.634

■ 61, 1.871, 343.634

■ 91, 1.871, 343.634

■ 51, 1.871, 343.634

■ 41, 1.871, 343.634

■ 31, 1.871, 343.634

■ 21, 1.871, 343.634

■ 11, 1.871, 343.634

■ 1, 1.871, 343.634

■ 0, 1.871, 343.634

■ 71, 1.871, 343.634

■ 71, 1.871, 343.634

66, 10.246,
344.660

76, 6.276, 163.143

61, 18.784,
345.613

81, 14.155,
162.406

57, 27.357,
346.673

86, 21.756,
161.748

53, 35.767,
347.881

91, 29.085,
161.143

49, 43.725,
349.292

94, 32.713,
162.869

45, 50.853,
350.982

94, 29.987,
169.672

42, 56.722,
353.057

95, 27.700,
177.667

40, 60.948,
355.657

95, 25.980,
186.870

39, 63.354,

95, 24.951,
197.075

358.939

Harmonies

Complementary

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



71, 1.871, 343.634



72, 1.852, 163.689

Rectangle

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



71, 1.871, 343.634



71, 1.871, 33.634



71, 1.871, 163.634



71, 1.871, 213.634

Sweetspot

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



71, 1.869, 343.654



91, 1.025, 343.313



71, 2.322, 309.119



48, 0.582, 343.284



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 1.869, 343.654



89, 3.069, 343.769



71, 1.507, 19.206



37, 1.890, 343.851



32, 57.946, 1.349



2, 10.603, 349.883

Inverse Universe

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



71, 1.869, 343.654



89, 3.069, 343.769



72, 1.484, 199.620



37, 1.890, 343.851



32, 57.946, 1.349



2, 10.603, 349.883

Previews

White Background



This preview shows how the CIELCh color 71, 1.871, 343.634 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, 1.871, 343.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

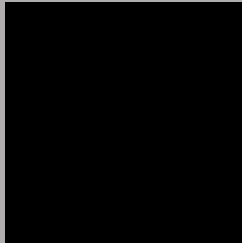
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

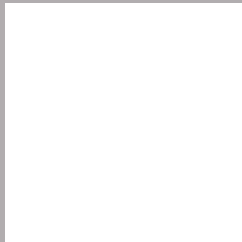
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 1.871, 343.634

Background



This preview shows how black text looks on a background with the CIELCh color 71, 1.871, 343.634.

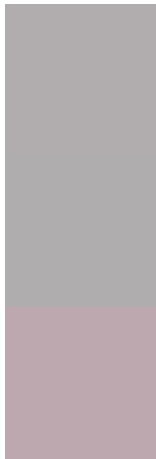


This preview shows how white text looks on a background with the CIELCh color 71, 1.871, 343.634.

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, 1.871, 343.634

Protanopia

71, 1.583, 335.582

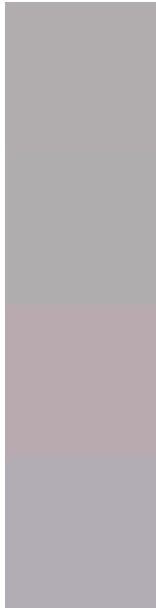
Deuteranopia

71, 9.431, 352.739



Tritanopia
71, 8.111, 309.387

Trichromacy



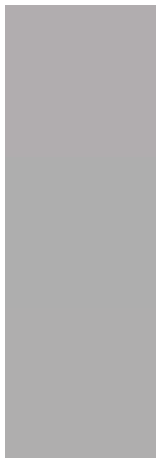
Original Color
71, 1.871, 343.634

Protanomaly
71, 1.583, 335.582

Deuteranomaly
71, 6.564, 350.076

Tritanomaly
71, 5.426, 314.842

Monochromacy



Original Color
71, 1.871, 343.634

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 0.376, 18.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 1.871, 343.634 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(177, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 175)  
}
```

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(177, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 1.871, 343.634 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(177, 173, 175) }
```

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

```
.border{ border-color:rgb(177, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(177, 173,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 1.871, 343.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 173, 175) }
```

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

```
.background{ background-color: rgb(177,  
173, 175) }
```

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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