

Converting Colors

CIELCh(72, 1.855, 343.669)

Have a look what the booklet for
CIELCh(72, 1.855, 343.669) contains.

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Color

CIELCh(72, 1.868, 343.630)

Conversions

Conversions Part 1

Format	Color
Hex	B3AFB1
RGB	179, 175, 177
RGB Percent	70%, 69%, 69%
CMY	0.2963, 0.3120, 0.3042
CMYK	0.00, 0.02, 0.01, 0.30
HSL	330°, 3%, 70%
HSV	330°, 2%, 70%
XYZ	42.0876, 43.6590, 48.0338
YIQ	176.4240, 1.7420, 1.4700

Conversions

Conversions Part 2

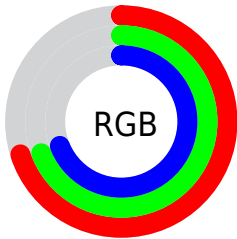
Format	Color
RYB	179, 175, 177
Decimal	11775921
CIELab	72.00, 1.79, -0.53
CIELCh	72, 1.868, 343.630
Yxy	43.6590, 0.3146, 0.3263
Android (android.graphics.Color)	4289966001 (0xFFB3AFB1)
YUV	176.4240, 0.2840, 2.2592
Hunter-Lab	66.0750, -1.9325, 3.1511

Details

The CIELCh color $72, 1.868, 343.630$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 1.849, 163.695$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 2.381, 338.615$, and $52, 1.342, 353.652$ is the 20% darker color. If you saturate the color by 10%, you get $67, 10.347, 344.659$, and if you desaturate by 10%, it is $77, 6.379, 163.141$.

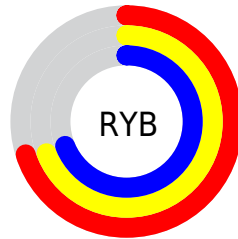
Distribution



Red (70%)

Green (69%)

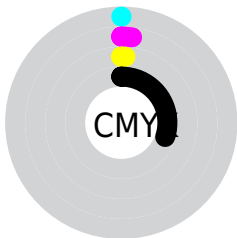
Blue (69%)



Red (70%)

Yellow (69%)

Blue (69%)

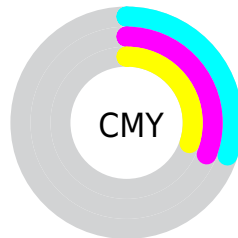


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 1.868, 343.630 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 72, 1.868, 343.630 by changing the saturation by 10% instead.

■ 72, 1.868, 343.630

■ 72, 1.868, 343.630

100, 1.868,
343.630

■ 62, 1.868, 343.630

■ 92, 1.868, 343.630

■ 52, 1.868, 343.630

■ 42, 1.868, 343.630

■ 32, 1.868, 343.630

■ 22, 1.868, 343.630

■ 12, 1.868, 343.630

■ 2, 1.868, 343.630

■ 0, 1.868, 343.630

■ 72, 1.868, 343.630

■ 72, 1.868, 343.630

67, 10.347,
344.659

77, 6.379, 163.141

62, 18.991,
345.613

82, 14.355,
162.403

58, 27.671,
346.674

87, 22.049,
161.745

53, 36.185,
347.885

92, 29.467,
161.140

49, 44.240,
349.298

95, 30.927,
164.586

46, 51.454,
350.991

95, 28.286,
172.077

43, 57.389,
353.070

95, 26.157,
180.897

41, 61.658,
355.676

95, 24.682,
190.984

39, 64.083,

95, 24.145,
197.929

358.967

Harmonies

Complementary

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



72, 1.868, 343.630



73, 1.849, 163.695

Rectangle

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



72, 1.868, 343.630



72, 1.868, 33.630



72, 1.868, 163.630



72, 1.868, 213.630

Sweetspot

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



72, 1.866, 343.650



91, 1.034, 343.315



72, 2.318, 309.117



49, 0.593, 343.286



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 1.866, 343.650



90, 3.096, 343.770



72, 1.504, 19.200



37, 1.890, 343.852



32, 57.946, 1.351



2, 10.603, 349.884

Inverse Universe

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



72, 1.866, 343.650



90, 3.096, 343.770



73, 1.482, 199.626



37, 1.890, 343.852



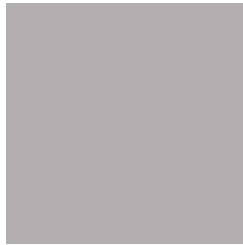
32, 57.946, 1.351



2, 10.603, 349.884

Previews

White Background



This preview shows how the CIELCh color 72, 1.868, 343.630 looks on a white background.

Color Contrast Check

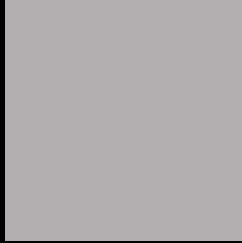
Large Text (above 18pt) WCAG AA × Fail

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 72, 1.868, 343.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

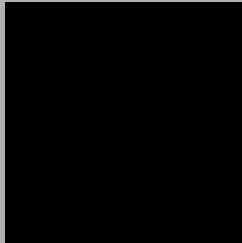
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

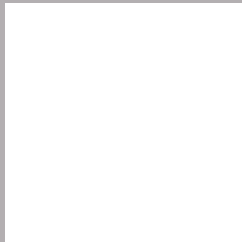
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 1.868, 343.630

Background



This preview shows how black text looks on a background with the CIELCh color 72, 1.868, 343.630.

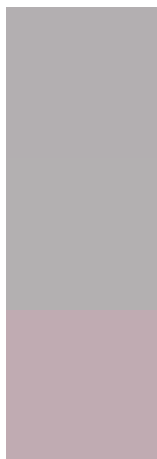


This preview shows how white text looks on a background with the CIELCh color 72, 1.868, 343.630.

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

72, 1.868, 343.630

Protanopia

72, 1.259, 353.501

Deuteranopia

72, 8.828, 354.674



Tritanopia
72, 8.085, 309.382

Trichromacy



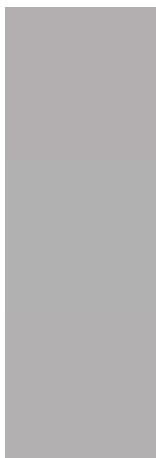
Original Color
72, 1.868, 343.630

Protanomaly
72, 1.259, 353.501

Deuteranomaly
72, 5.955, 352.735

Tritanomaly
72, 5.265, 311.165

Monochromacy



Original Color
72, 1.868, 343.630

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 0.936, 343.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 1.868, 343.630 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, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 177)  
}
```

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, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 1.868, 343.630 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, 175, 177) }
```

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

```
.border{ border-color:rgb(179, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 1.868, 343.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 177) }
```

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

```
.background{ background-color: rgb(179,  
175, 177) }
```

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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