

Converting Colors

CIELCh(72, 3.686, 335.257)

Have a look what the booklet for
CIELCh(72, 3.686, 335.257) contains.

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Color

CIELCh(72, 3.428, 340.181)

Conversions

Conversions Part 1

Format	Color
Hex	B6AFB3
RGB	182, 175, 179
RGB Percent	71%, 69%, 70%
CMY	0.2877, 0.3151, 0.2995
CMYK	0.00, 0.04, 0.02, 0.29
HSL	326°, 5%, 70%
HSV	326°, 4%, 71%
XYZ	42.5641, 43.6590, 48.6381
YIQ	177.5490, 2.8880, 2.7280

Conversions

Conversions Part 2

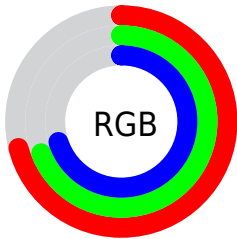
Format	Color
RYB	182, 175, 179
Decimal	11972531
CIELab	72.00, 3.22, -1.16
CIElCh	72, 3.428, 340.181
Yxy	43.6590, 0.3156, 0.3237
Android (android.graphics.Color)	4290162611 (0xFFB6AFB3)
YUV	177.5490, 0.7153, 3.9035
Hunter-Lab	66.0750, -0.6454, 2.6088

Details

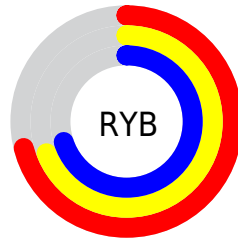
The CIELCh color $72, 3.428, 340.181$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 3.402, 159.815$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 3.258, 340.086$, and $52, 2.979, 343.918$ is the 20% darker color. If you saturate the color by 10%, you get $67, 12.441, 341.061$, and if you desaturate by 10%, it is $77, 5.381, 159.627$.

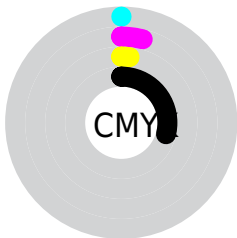
Distribution



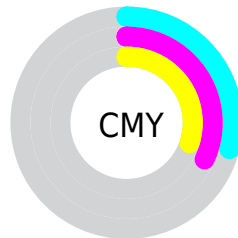
- Red (71%)
- Green (69%)
- Blue (70%)



- Red (71%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.428, 340.181 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, 3.428, 340.181 by changing the saturation by 10% instead.

■ 72, 3.428, 340.181

■ 72, 3.428, 340.181

■ 100, 3.428,
340.181

■ 62, 3.428, 340.181

■ 92, 3.428, 340.181

■ 52, 3.428, 340.181

■ 42, 3.428, 340.181

■ 32, 3.428, 340.181

■ 22, 3.428, 340.181

■ 12, 3.428, 340.181

■ 2, 3.428, 340.181

■ 0, 3.428, 340.181

■ 72, 3.428, 340.181

■ 72, 3.428, 340.181

67, 12.441,
341.061

77, 5.381, 159.627

62, 21.573,
341.945

82, 13.932,
158.909

58, 30.670,
342.915

87, 22.206,
158.271

54, 39.498,
344.004

92, 30.201,
157.681

50, 47.728,
345.254

95, 31.939,
160.443

46, 54.945,
346.725

95, 29.410,
166.353

43, 60.688,
348.502

95, 27.203,
173.258

41, 64.570,
350.702

95, 25.408,
181.221

40, 66.431,

95, 24.125,
190.184

353.458

Harmonies

Complementary

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



72, 3.428, 340.181



73, 3.402, 159.815

Rectangle

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



72, 3.428, 340.181



72, 3.428, 30.181



72, 3.428, 160.181



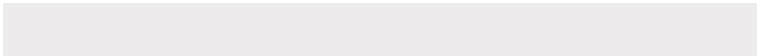
72, 3.428, 210.181

Sweetspot

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



72, 3.426, 340.190



93, 1.107, 339.689



72, 3.981, 306.267



50, 0.635, 339.664



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 3.426, 340.190



91, 5.531, 340.310



72, 2.660, 12.615



37, 3.056, 340.357



33, 59.837, 354.920



3, 12.756, 346.676

Inverse Universe

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



72, 3.426, 340.190



91, 5.531, 340.310



73, 2.604, 192.419



37, 3.056, 340.357



33, 59.837, 354.920



3, 12.756, 346.676

Previews

White Background



This preview shows how the CIELCh color 72, 3.428, 340.181 looks on a white background.

Color Contrast Check

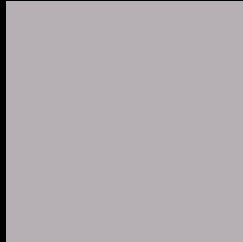
Large Text (above 18pt) WCAG AA × Fail

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, 3.428, 340.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

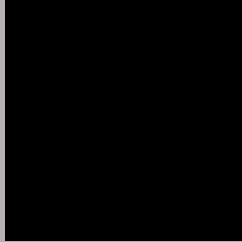
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

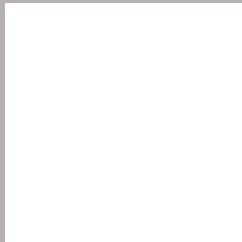
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.428, 340.181

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.428, 340.181.

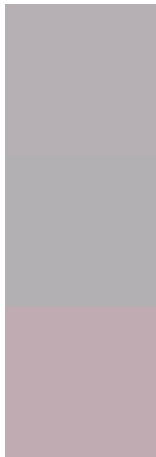


This preview shows how white text looks on a background with the CIELCh color 72, 3.428, 340.181.

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, 3.428, 340.181

Protanopia

72, 1.997, 324.414

Deuteranopia

72, 9.065, 351.561



Tritanopia
72, 8.516, 316.474

Trichromacy



Original Color
72, 3.428, 340.181

Protanomaly
72, 2.231, 332.347

Deuteranomaly
72, 7.150, 347.847

Tritanomaly
72, 6.423, 321.940

Monochromacy



Original Color
72, 3.428, 340.181

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.578, 335.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.428, 340.181 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(182, 175, 179)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 179)  
}
```

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(182, 175, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.428, 340.181 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(182, 175, 179) }
```

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

```
.border{ border-color:rgb(182, 175, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 175, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 179);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.428, 340.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 179) }
```

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

```
.background{ background-color: rgb(182,  
175, 179) }
```

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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