

Converting Colors

CIELCh(72, 3.573, 271.826)

Have a look what the booklet for
CIELCh(72, 3.573, 271.826) contains.

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Color

CIELCh(72, 3.433, 271.803)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AEB1B7 |
| RGB | 174, 177, 183 |
| RGB Percent | 68%, 69%, 72% |
| CMY | 0.3191, 0.3073, 0.2838 |
| CMYK | 0.05, 0.03, 0.00, 0.28 |
| HSL | 220°, 6%, 70% |
| HSV | 220°, 5%, 72% |
| XYZ | 41.5321, 43.6590, 50.8360 |
| YIQ | 176.7870, -3.7140, 1.2300 |

Conversions

Conversions Part 2

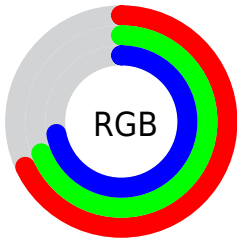
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 174, 176, 183 |
| Decimal | 11448759 |
| CIELab | 72.00, 0.11, -3.43 |
| CIElCh | 72, 3.433, 271.803 |
| Yxy | 43.6590, 0.3053, 0.3210 |
| Android (android.graphics.Color) | 4289638839 (0xFFFAEB1B7) |
| YUV | 176.7870, 3.0630, -2.4442 |
| Hunter-Lab | 66.0750, -3.4333, 0.6367 |

Details

The CIELCh color $72, 3.433, 271.803$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 3.420, 90.434$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 3.388, 266.055$, and $52, 3.560, 277.983$ is the 20% darker color. If you saturate the color by 10%, you get $67, 10.464, 273.132$, and if you desaturate by 10%, it is $77, 3.490, 90.443$.

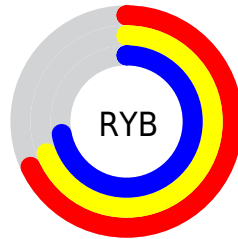
Distribution



Red (68%)

Green (69%)

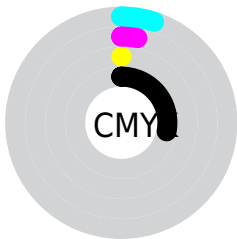
Blue (72%)



Red (68%)

Yellow (69%)

Blue (72%)

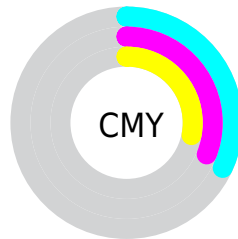


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.433, 271.803 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, 3.433, 271.803 by changing the saturation by 10% instead.

■ 72, 3.433, 271.803

■ 72, 3.433, 271.803

■ 100, 3.433,
271.803

■ 62, 3.433, 271.803

■ 92, 3.433, 271.803

■ 52, 3.433, 271.803

■ 42, 3.433, 271.803

■ 32, 3.433, 271.803

■ 22, 3.433, 271.803

■ 12, 3.433, 271.803

■ 2, 3.433, 271.803

■ 0, 3.433, 271.803

■ 72, 3.433, 271.803

■ 72, 3.433, 271.803

67, 10.464,
273.132

77, 3.490, 90.443

63, 17.607,
274.752

81, 10.301, 89.442

58, 24.866,
276.653

86, 16.999, 88.540

54, 32.255,
278.873

94, 28.840, 94.290

49, 39.794,
281.449

97, 33.894,
104.066

45, 47.517,
284.396

99, 36.351,
107.407

40, 55.453,
287.687

37, 63.597,
291.230

33, 71.849,

294.847

Harmonies

Complementary

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



72, 3.433, 271.803



73, 3.420, 90.434

Rectangle

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



72, 3.433, 271.803



72, 3.433, 321.803



72, 3.433, 91.803



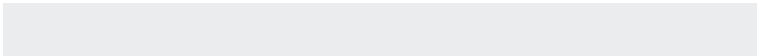
72, 3.433, 141.803

Sweetspot

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



72, 3.432, 271.778



93, 0.867, 271.537



74, 3.760, 172.266



50, 0.497, 271.547



97, 0.011, 296.813



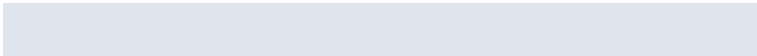
50, 0.007, 296.813

Same Dimension

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



72, 3.432, 271.778



90, 5.171, 271.919



71, 4.947, 296.428



37, 2.776, 271.973



26, 66.647, 296.088



3, 11.810, 277.726

Inverse Universe

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



72, 3.776, 354.002



90, 5.699, 354.134



74, 4.881, 115.699



37, 3.062, 354.182



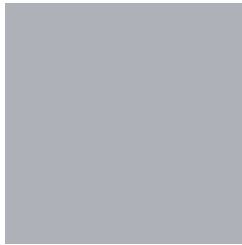
32, 59.544, 17.195



2, 11.336, 359.958

Previews

White Background



This preview shows how the CIELCh color 72, 3.433, 271.803 looks on a white background.

Color Contrast Check

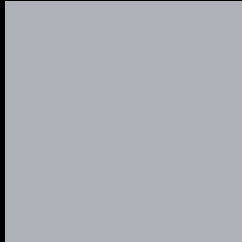
Large Text (above 18pt) WCAG AA × Fail

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, 3.433, 271.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

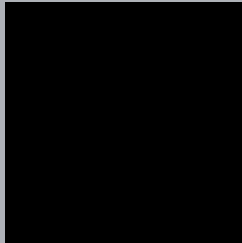
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

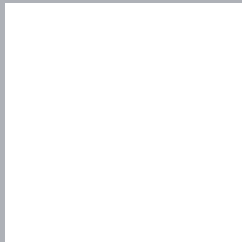
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.433, 271.803

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.433, 271.803.



This preview shows how white text looks on a background with the CIELCh color 72, 3.433, 271.803.

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, 3.433, 271.803

Protanopia

72, 3.992, 306.692

Deuteranopia

72, 10.055, 335.587



Tritanopia
72, 7.085, 287.943

Trichromacy



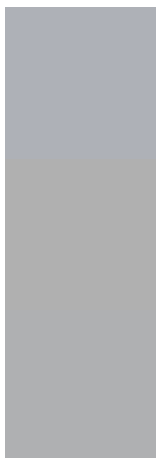
Original Color
72, 3.433, 271.803

Protanomaly
72, 3.273, 290.515

Deuteranomaly
72, 7.290, 324.732

Tritanomaly
72, 5.998, 287.291

Monochromacy



Original Color
72, 3.433, 271.803

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.153, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.433, 271.803 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(174, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 177, 183)  
}
```

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(174, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 177, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.433, 271.803 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(174, 177, 183) }
```

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

```
.border{ border-color:rgb(174, 177, 183) }
```

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

Here you see how a box with a 4 pixel rgb(174, 177, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(174, 177,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.433, 271.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 177, 183) }
```

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

```
.background{ background-color: rgb(174,  
177, 183) }
```

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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