

Converting Colors

CIELCh(70, 4.378, 271.978)

Have a look what the booklet for
CIELCh(70, 4.378, 271.978) contains.

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Color

CIELCh(70, 4.600, 272.019)

Conversions

Conversions Part 1

Format	Color
Hex	A7ABB3
RGB	167, 171, 179
RGB Percent	65%, 67%, 70%
CMY	0.3440, 0.3283, 0.2969
CMYK	0.07, 0.04, 0.00, 0.30
HSL	220°, 7%, 68%
HSV	220°, 7%, 70%
XYZ	38.7819, 40.7494, 48.6253
YIQ	170.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

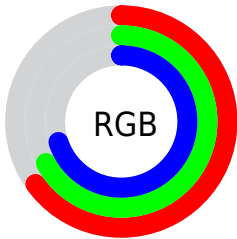
Format	Color
R_{YB}	167, 170, 179
Decimal	10988467
CIE Lab	70.00, 0.16, -4.60
CIE LCh	70, 4.600, 272.019
Yxy	40.7494, 0.3026, 0.3180
Android (android.graphics.Color)	4289178547 (0xFFA7ABB3)
YUV	170.7160, 4.0840, -3.2589
Hunter-Lab	63.8353, -3.2674, -0.4784

Details

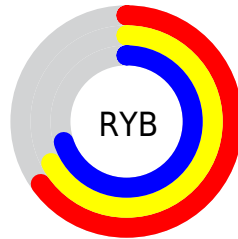
The CIELCh color **70, 4.600, 272.019** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 4.591, 90.245**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 4.866, 273.867**, and **50, 4.356, 269.766** is the 20% darker color. If you saturate the color by 10%, you get **65, 11.546, 273.406**, and if you desaturate by 10%, it is **75, 2.240, 90.619**.

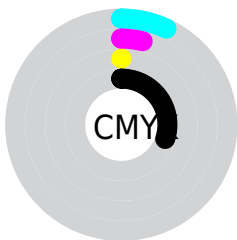
Distribution



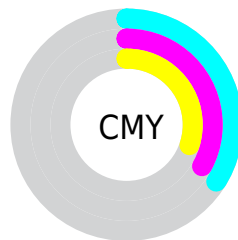
- Red (65%)
- Green (67%)
- Blue (70%)



- Red (65%)
- Yellow (67%)
- Blue (70%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



- Cyan (34%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 4.600, 272.019 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 70, 4.600, 272.019 by changing the saturation by 10% instead.

■ 70, 4.600, 272.019

■ 70, 4.600, 272.019

■ 100, 4.600,
272.019

■ 60, 4.600, 272.019

■ 90, 4.600, 272.019

■ 50, 4.600, 272.019

■ 40, 4.600, 272.019

■ 30, 4.600, 272.019

■ 20, 4.600, 272.019

■ 10, 4.600, 272.019

■ 0, 4.600, 272.019

■ 70, 4.600, 272.019

■ 70, 4.600, 272.019

■ 65, 11.546,

■ 75, 2.240, 90.619

273.406

79, 8.970, 89.625

61, 18.603,
275.070

84, 15.589, 88.704

56, 25.777,
277.020

88, 22.097, 87.891

52, 33.080,
279.296

92, 28.217, 88.620

47, 40.537,
281.931

98, 37.964,
107.247

43, 48.181,
284.935

98, 37.992,
107.280

39, 56.036,
288.272

35, 64.089,
291.837

32, 72.221,
295.424

Harmonies

Complementary

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



70, 4.600, 272.019



72, 4.591, 90.245

Rectangle

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



70, 4.600, 272.019



70, 4.600, 322.019



70, 4.600, 92.019



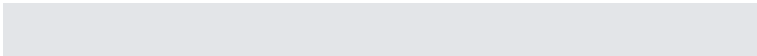
70, 4.600, 142.019

Sweetspot

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



70, 4.599, 272.001



91, 1.695, 271.514



72, 5.033, 172.075



49, 0.972, 271.510



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 4.599, 272.001



88, 6.782, 272.186



69, 6.643, 296.566



35, 3.882, 272.343



26, 65.760, 296.043



2, 10.132, 276.724

Inverse Universe

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



70, 5.071, 354.206



87, 7.493, 354.360



73, 6.537, 115.571



35, 4.295, 354.484



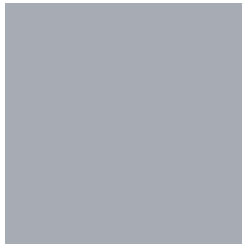
32, 58.810, 17.121



2, 9.820, 358.964

Previews

White Background



This preview shows how the CIE LCh color 70, 4.600, 272.019 looks on a white background.

Color Contrast Check

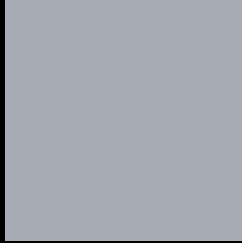
Large Text (above 18pt) WCAG AA × Fail

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 70, 4.600, 272.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

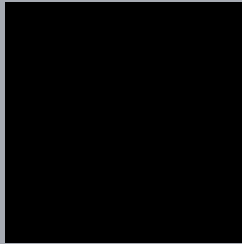
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

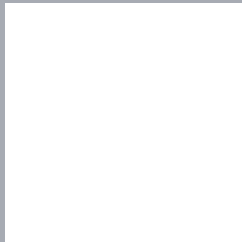
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 4.600, 272.019

Background



This preview shows how black text looks on a background with the CIELCh color 70, 4.600, 272.019.



This preview shows how white text looks on a background with the CIELCh color 70, 4.600, 272.019.

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

70, 4.600, 272.019

Protanopia

70, 5.001, 299.173

Deuteranopia

70, 10.000, 330.252



Tritanopia
70, 7.184, 282.175

Trichromacy



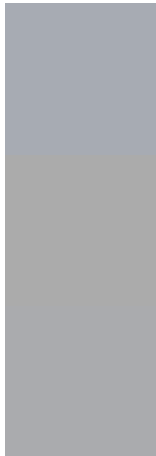
Original Color
70, 4.600, 272.019

Protanomaly
70, 4.936, 290.682

Deuteranomaly
70, 7.417, 317.550

Tritanomaly
70, 6.106, 280.463

Monochromacy



Original Color
70, 4.600, 272.019

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.685, 277.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 4.600, 272.019 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(167, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 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(167, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 4.600, 272.019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

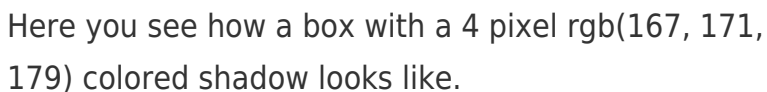
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 171, 179) }
```

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

```
.border{ border-color:rgb(167, 171, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 171, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 171, 179); box-shadow:4px 4px 4px 4px rgb(167, 171, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 4.600, 272.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 179) }
```

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

```
.background{ background-color: rgb(167,  
171, 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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