

Converting Colors

CIELCh(70, 4.096, 276.029)

Have a look what the booklet for
CIELCh(70, 4.096, 276.029) contains.

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Color

CIELCh(70, 3.976, 274.438)

Conversions

Conversions Part 1

Format	Color
Hex	A8ABB2
RGB	168, 171, 178
RGB Percent	66%, 67%, 70%
CMY	0.3405, 0.3288, 0.3013
CMYK	0.06, 0.04, 0.00, 0.30
HSL	222°, 6%, 68%
HSV	222°, 6%, 70%
XYZ	38.8276, 40.7494, 48.0237
YIQ	170.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

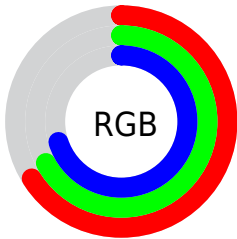
Format	Color
R_{YB}	168, 170, 178
Decimal	11054002
CIE _{Lab}	70.00, 0.31, -3.96
CIE _{LCh}	70, 3.976, 274.438
Y _{xy}	40.7494, 0.3043, 0.3194
Android (android.graphics.Color)	4289244082 (0xFFA8ABB2)
YUV	170.9010, 3.4998, -2.5442
Hunter-Lab	63.8353, -3.1396, 0.0804

Details

The CIELCh color $70, 3.976, 274.438$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 3.957, 92.958$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 4.278, 276.298$, and $50, 3.684, 272.054$ is the 20% darker color. If you saturate the color by 10%, you get $65, 11.148, 275.769$, and if you desaturate by 10%, it is $75, 3.061, 93.109$.

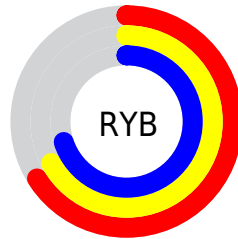
Distribution



Red (66%)

Green (67%)

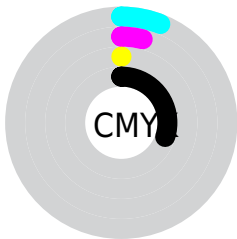
Blue (70%)



Red (66%)

Yellow (67%)

Blue (70%)

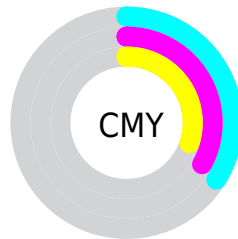


Cyan (6%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (34%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.976, 274.438 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, 3.976, 274.438 by changing the saturation by 10% instead.

■ 70, 3.976, 274.438

■ 70, 3.976, 274.438

■ 100, 3.976,
274.438

■ 60, 3.976, 274.438

■ 90, 3.976, 274.438

■ 50, 3.976, 274.438

■ 40, 3.976, 274.438

■ 30, 3.976, 274.438

■ 20, 3.976, 274.438

■ 10, 3.976, 274.438

■ 0, 3.976, 274.438

■ 70, 3.976, 274.438

■ 70, 3.976, 274.438

■ 65, 11.148,

■ 75, 3.061, 93.109

275.769

79, 9.961, 92.121

61, 18.464,
277.373

84, 16.729, 91.228

56, 25.934,
279.251

89, 23.365, 90.440

51, 33.573,
281.441

93, 29.595, 91.368

47, 41.408,
283.974

96, 34.488,
101.644

42, 49.468,
286.858

38, 57.765,
290.058

34, 66.254,
293.465

30, 74.750,
296.885

Harmonies

Complementary

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



70, 3.976, 274.438



72, 3.957, 92.958

Rectangle

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



70, 3.976, 274.438



70, 3.976, 324.438



70, 3.976, 94.438



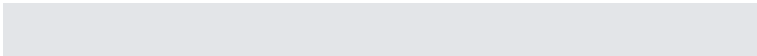
70, 3.976, 144.438

Sweetspot

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



70, 3.975, 274.418



91, 1.756, 274.060



72, 4.116, 174.416



49, 1.006, 274.054



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, 3.975, 274.418



88, 6.150, 274.602



69, 5.547, 297.746



36, 3.217, 274.645



24, 69.223, 297.831



2, 10.418, 278.423

Inverse Universe

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



70, 4.147, 356.351



88, 6.430, 356.518



72, 5.469, 116.968



36, 3.364, 356.554



32, 59.598, 20.169



2, 9.702, 0.848

Previews

White Background



This preview shows how the CIELCh color 70, 3.976, 274.438 looks on a white background.

Color Contrast Check

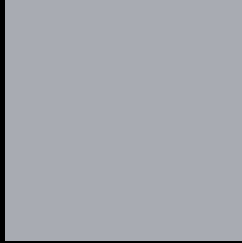
Large Text (above 18pt) WCAG AA × Fail

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, 3.976, 274.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

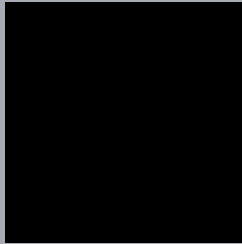
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

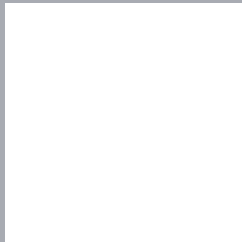
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 3.976, 274.438

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.976, 274.438.



This preview shows how white text looks on a background with the CIELCh color 70, 3.976, 274.438.

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, 3.976, 274.438

Protanopia

70, 3.922, 301.482

Deuteranopia

70, 9.845, 334.019



Tritanopia
70, 7.677, 288.237

Trichromacy



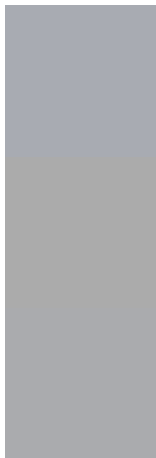
Original Color
70, 3.976, 274.438

Protanomaly
70, 3.864, 296.079

Deuteranomaly
70, 7.124, 322.236

Tritanomaly
70, 6.583, 287.663

Monochromacy



Original Color
70, 3.976, 274.438

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, 3.976, 274.438 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(168, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(168, 171, 178)  
}
```

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(168, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 171, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.976, 274.438 is called "border". The border property can be set on classes, ids or directly on the HTML element.

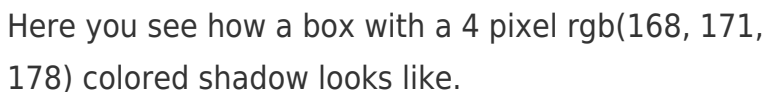
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 171, 178) }
```

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

```
.border{ border-color:rgb(168, 171, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 171, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 171, 178); box-shadow:4px 4px 4px 4px rgb(168, 171, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.976, 274.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 171, 178) }
```

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

```
.background{ background-color: rgb(168,  
171, 178) }
```

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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