

Converting Colors

CIELCh(70, 4.260, 314.794)

Have a look what the booklet for
CIELCh(70, 4.260, 314.794) contains.

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Color

CIELCh(70, 4.136, 311.655)

Conversions

Conversions Part 1

Format	Color
Hex	AEAAB1
RGB	174, 170, 177
RGB Percent	68%, 67%, 69%
CMY	0.3189, 0.3346, 0.3072
CMYK	0.02, 0.04, 0.00, 0.31
HSL	274°, 4%, 68%
HSV	274°, 4%, 69%
XYZ	39.5992, 40.7494, 47.2015
YIQ	171.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

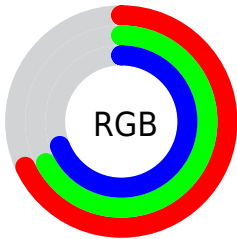
Format	Color
RYB	174, 170, 177
Decimal	11446961
CIELab	70.00, 2.75, -3.09
CIELCh	70, 4.136, 311.655
Yxy	40.7494, 0.3105, 0.3195
Android (android.graphics.Color)	4289637041 (0xFFFAEAAB1)
YUV	171.9940, 2.4680, 1.7593
Hunter-Lab	63.8353, -0.9821, 0.8441

Details

The CIELCh color $70, 4.136, 311.655$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 4.101, 131.387$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 4.417, 309.189$, and $50, 3.875, 314.828$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.751, 312.103$, and if you desaturate by 10%, it is $75, 6.197, 131.304$.

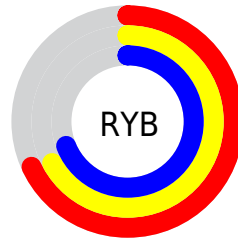
Distribution



Red (68%)

Green (67%)

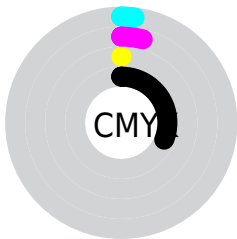
Blue (69%)



Red (68%)

Yellow (67%)

Blue (69%)

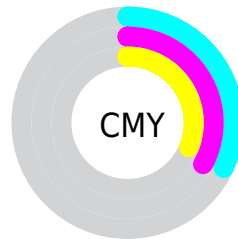


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 4.136, 311.655 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, 4.136, 311.655 by changing the saturation by 10% instead.

■ 70, 4.136, 311.655

■ 70, 4.136, 311.655

■ 100, 4.136,
311.655

■ 60, 4.136, 311.655

■ 90, 4.136, 311.655

■ 50, 4.136, 311.655

■ 40, 4.136, 311.655

■ 30, 4.136, 311.655

■ 20, 4.136, 311.655

■ 10, 4.136, 311.655

■ 0, 4.136, 311.655

■ 70, 4.136, 311.655

■ 70, 4.136, 311.655

■ 65, 14.751,

■ 75, 6.197, 131.304

312.103

81, 16.227,
130.930

60, 25.618,
312.566

86, 25.955,
130.604

54, 36.657,
313.042

91, 35.388,
130.314

49, 47.733,
313.513

95, 42.803,
129.539

45, 58.616,
313.944

96, 41.754,
126.102

40, 68.946,
314.287

96, 40.863,
122.435

36, 78.202,
314.472

97, 40.152,
118.559

33, 85.736,
314.409

97, 39.641,
114.506

30, 90.927,
314.008

Harmonies

Complementary

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



70, 4.136, 311.655



72, 4.101, 131.387

Rectangle

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



70, 4.136, 311.655



70, 4.136, 1.655



70, 4.136, 131.655



70, 4.136, 181.655

Sweetspot

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



70, 4.134, 311.649



90, 1.294, 311.439



70, 2.429, 262.893



48, 0.735, 311.429



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 4.134, 311.649



88, 6.466, 311.703



70, 4.458, 326.449



36, 3.584, 311.727



25, 83.818, 313.801



2, 14.020, 307.646

Inverse Universe

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



70, 3.125, 347.890



88, 4.889, 348.017



71, 4.442, 146.116



36, 2.710, 348.071



32, 57.678, 8.072



2, 10.219, 353.793

Previews

White Background



This preview shows how the CIELCh color 70, 4.136, 311.655 looks on a white background.

Color Contrast Check

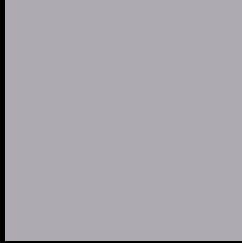
Large Text (above 18pt) WCAG AA × Fail

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, 4.136, 311.655 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

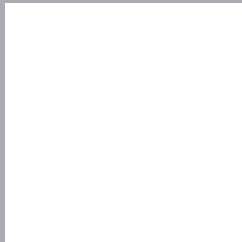
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 4.136, 311.655

Background



This preview shows how black text looks on a background with the CIELCh color 70, 4.136, 311.655.

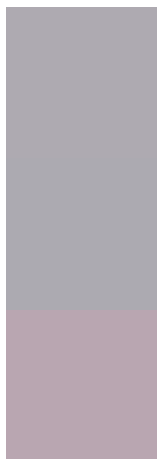


This preview shows how white text looks on a background with the CIELCh color 70, 4.136, 311.655.

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, 4.136, 311.655

Protanopia

70, 3.922, 301.482

Deuteranopia

70, 9.383, 340.380



Tritanopia
70, 7.492, 308.026

Trichromacy



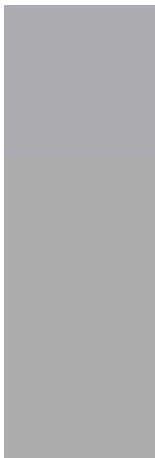
Original Color
70, 4.136, 311.655

Protanomaly
70, 4.013, 306.698

Deuteranomaly
70, 7.625, 334.187

Tritanomaly
70, 6.456, 310.878

Monochromacy



Original Color
70, 4.136, 311.655

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.820, 314.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 4.136, 311.655 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, 170, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 170, 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(174, 170, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 170, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 4.136, 311.655 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, 170, 177) }
```

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

```
.border{ border-color:rgb(174, 170, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 170, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 170, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 170, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 170,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 4.136, 311.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 170, 177) }
```

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

```
.background{ background-color: rgb(174,  
170, 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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