

Converting Colors

CIELCh(70, 3.843, 283.111)

Have a look what the booklet for
CIELCh(70, 3.843, 283.111) contains.

CIELCh(70, 3.896, 279.661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 3.896, 279.661)

Conversions

Conversions Part 1

Format	Color
Hex	A9ABB2
RGB	169, 171, 178
RGB Percent	66%, 67%, 70%
CMY	0.3374, 0.3296, 0.3021
CMYK	0.05, 0.04, 0.00, 0.30
HSL	227°, 6%, 68%
HSV	227°, 5%, 70%
XYZ	38.9364, 40.7494, 47.9071
YIQ	171.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

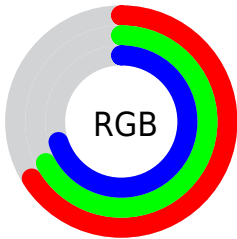
Format	Color
R _Y B	169, 171, 178
Decimal	11119538
CIE Lab	70.00, 0.65, -3.84
CIE LCh	70, 3.896, 279.661
Yxy	40.7494, 0.3052, 0.3194
Android (android.graphics.Color)	4289309618 (0xFFA9ABB2)
YUV	171.2000, 3.3524, -1.9294
Hunter-Lab	63.8353, -2.8354, 0.1887

Details

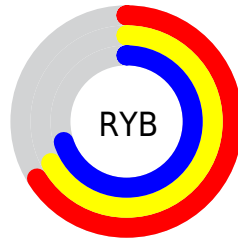
The CIELCh color $70, 3.896, 279.661$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 3.863, 98.405$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 4.212, 280.937$, and $50, 3.586, 278.009$ is the 20% darker color. If you saturate the color by 10%, you get $65, 11.734, 280.916$, and if you desaturate by 10%, it is $75, 3.740, 98.440$.

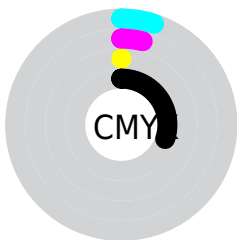
Distribution



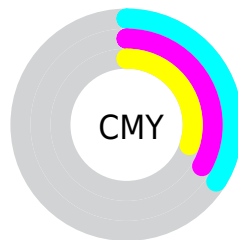
- Red (66%)
- Green (67%)
- Blue (70%)



- Red (66%)
- Yellow (67%)
- Blue (70%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 3.896, 279.661 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, 3.896, 279.661 by changing the saturation by 10% instead.

■ 70, 3.896, 279.661

■ 70, 3.896, 279.661

■ 100, 3.896,
279.661

■ 60, 3.896, 279.661

■ 90, 3.896, 279.661

■ 50, 3.896, 279.661

■ 40, 3.896, 279.661

■ 30, 3.896, 279.661

■ 20, 3.896, 279.661

■ 10, 3.896, 279.661

■ 0, 3.896, 279.661

■ 70, 3.896, 279.661

■ 70, 3.896, 279.661

■ 65, 11.734,

■ 75, 3.740, 98.440

280.916

80, 11.180, 97.498

60, 19.794,
282.427

85, 18.435, 96.660

55, 28.091,
284.194

90, 25.511, 95.923

50, 36.651,
286.252

95, 32.178, 97.274

98, 38.171,
106.657

45, 45.500,
288.626

98, 38.651,
107.229

40, 54.649,
291.313

35, 64.057,
294.258

31, 73.546,
297.329

27, 82.683,
300.304

Harmonies

Complementary

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



70, 3.896, 279.661



72, 3.863, 98.405

Rectangle

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



70, 3.896, 279.661



70, 3.896, 329.661



70, 3.896, 99.661



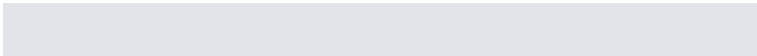
70, 3.896, 149.661

Sweetspot

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



70, 3.895, 279.642



91, 1.910, 279.345



72, 3.543, 180.423



49, 1.095, 279.338



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, 3.895, 279.642



88, 5.739, 279.762



70, 5.032, 300.841



36, 3.065, 279.812



22, 76.881, 301.246



2, 11.119, 282.044

Inverse Universe

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



70, 3.595, 1.878



88, 5.305, 1.999



72, 4.969, 120.252



36, 2.835, 2.047



32, 62.119, 26.812



2, 9.467, 5.418

Previews

White Background



This preview shows how the CIE LCh color 70, 3.896, 279.661 looks on a white background.

Color Contrast Check

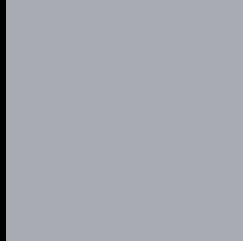
Large Text (above 18pt) WCAG AA × Fail

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, 3.896, 279.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

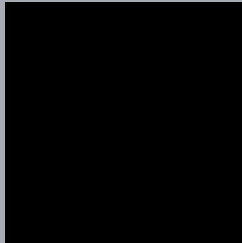
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

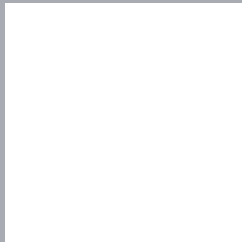
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 3.896, 279.661

Background



This preview shows how black text looks on a background with the CIELCh color 70, 3.896, 279.661.

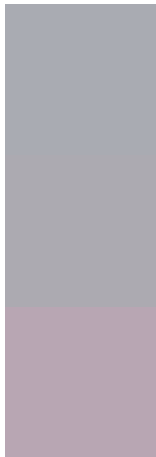


This preview shows how white text looks on a background with the CIELCh color 70, 3.896, 279.661.

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, 3.896, 279.661

Protanopia

70, 3.922, 301.482

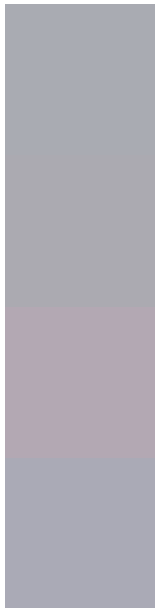
Deuteranopia

70, 9.845, 334.019



Tritanopia
70, 7.674, 290.949

Trichromacy



Original Color
70, 3.896, 279.661

Protanomaly
70, 3.864, 296.079

Deuteranomaly
70, 7.328, 324.742

Tritanomaly
70, 6.579, 290.842

Monochromacy



Original Color
70, 3.896, 279.661

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, 3.896, 279.661 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(169, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(169, 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(169, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 3.896, 279.661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

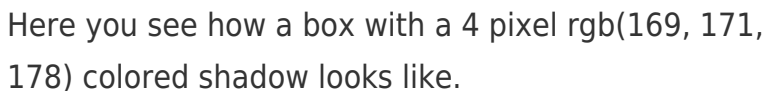
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 171, 178) }
```

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

```
.border{ border-color:rgb(169, 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(169, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 171, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 171, 178); box-shadow:4px 4px 4px 4px rgb(169, 171, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 3.896, 279.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 178) }
```

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

```
.background{ background-color: rgb(169,  
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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