

Converting Colors

CIELCh(71, 8.833, 281.684)

Have a look what the booklet for
CIELCh(71, 8.833, 281.684) contains.

CIELCh(71, 8.833, 281.684)	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(71, 8.833, 281.684)

Conversions

Conversions Part 1

Format	Color
Hex	A9ADB8
RGB	169, 173, 189
RGB Percent	66%, 68%, 74%
CMY	0.3359, 0.3202, 0.2574
CMYK	0.11, 0.08, 0.00, 0.26
HSL	228°, 13%, 70%
HSV	228°, 11%, 74%
XYZ	40.6745, 42.1875, 54.3488
YIQ	173.6280, -7.5200, 4.1280

Conversions

Conversions Part 2

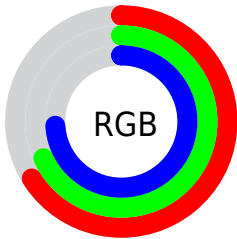
Format	Color
RYB	169, 172, 189
Decimal	11120061
CIELab	71.00, 1.79, -8.65
CIELCh	71, 8.833, 281.684
Yxy	42.1875, 0.2964, 0.3075
Android (android.graphics.Color)	4289310141 (0xFFA9ADBBD)
YUV	173.6280, 7.5784, -4.0588
Hunter-Lab	64.9519, -1.8847, -4.1449

Details

The CIELCh color $71, 8.833, 281.684$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 8.723, 99.192$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 8.906, 282.007$, and $51, 8.846, 281.456$ is the 20% darker color. If you saturate the color by 10%, you get $66, 17.435, 283.068$, and if you desaturate by 10%, it is $76, 0.474, 280.777$.

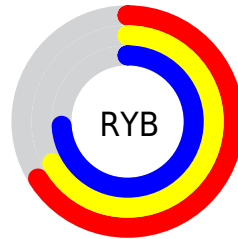
Distribution



Red (66%)

Green (68%)

Blue (74%)



Red (66%)

Yellow (67%)

Blue (74%)

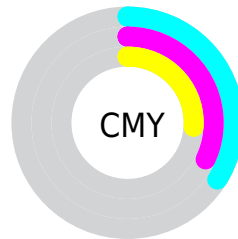


Cyan (11%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (34%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.833, 281.684 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 71, 8.833, 281.684 by changing the saturation by 10% instead.

■ 71, 8.833, 281.684

■ 71, 8.833, 281.684

■ 100, 8.833,
281.684

■ 61, 8.833, 281.684

■ 91, 8.833, 281.684

■ 51, 8.833, 281.684

■ 41, 8.833, 281.684

■ 31, 8.833, 281.684

■ 21, 8.833, 281.684

■ 11, 8.833, 281.684

■ 1, 8.833, 281.684

■ 0, 8.833, 281.684

■ 71, 8.833, 281.684

■ 71, 8.833, 281.684

66, 17.435,
283.068

76, 0.474, 280.777

60, 26.306,
284.701

82, 7.653, 99.404

55, 35.468,
286.608

87, 15.562, 98.518

49, 44.949,
288.818

93, 23.263, 97.740

44, 54.768,
291.340

97, 30.296,
103.555

39, 64.894,
294.140

99, 33.026,
107.664

34, 75.168,
297.108

30, 85.172,
300.044

27, 93.702,

Harmonies

Complementary

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



71, 8.833, 281.684



75, 8.723, 99.192

Rectangle

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



71, 8.833, 281.684



71, 8.833, 331.684



71, 8.833, 101.684



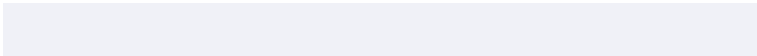
71, 8.833, 151.684

Sweetspot

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



71, 8.832, 281.677



95, 3.090, 280.800



75, 7.680, 181.105



51, 2.363, 280.882



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 8.832, 281.677



89, 13.549, 282.023



70, 11.183, 301.816



37, 4.716, 281.523



22, 81.025, 302.122



2, 14.974, 284.281

Inverse Universe

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



71, 7.942, 4.172



89, 12.223, 4.459



76, 10.951, 120.564



37, 4.234, 4.042



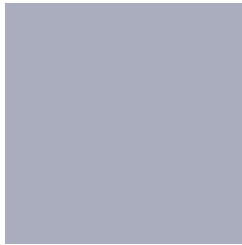
33, 64.614, 28.730



3, 12.530, 8.041

Previews

White Background



This preview shows how the CIE LCh color 71, 8.833, 281.684 looks on a white background.

Color Contrast Check

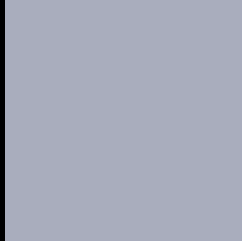
Large Text (above 18pt) WCAG AA × Fail

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 71, 8.833, 281.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

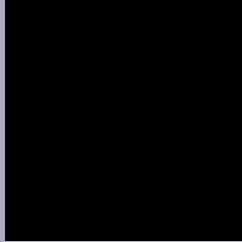
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

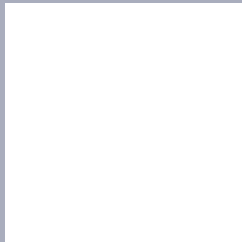
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 8.833, 281.684

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.833, 281.684.

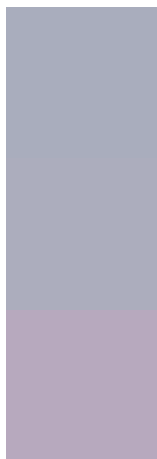


This preview shows how white text looks on a background with the CIELCh color 71, 8.833, 281.684.

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

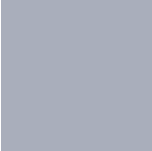
71, 8.833, 281.684

Protanopia

71, 8.742, 288.678

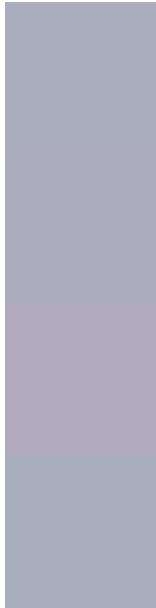
Deuteranopia

71, 12.629, 315.113



Tritanopia
71, 7.291, 276.549

Trichromacy



Original Color
71, 8.833, 281.684

Protanomaly
71, 8.759, 286.326

Deuteranomaly
71, 10.732, 304.868

Tritanomaly
71, 7.819, 277.621

Monochromacy



Original Color
71, 8.833, 281.684

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.350, 277.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.833, 281.684 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, 173, 189)` looks like.

```
.text, #text, p{  
    color:rgb(169, 173, 189)  
}
```

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, 173, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 173, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.833, 281.684 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, 173, 189) }
```

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

```
.border{ border-color:rgb(169, 173, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 173, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 173, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 173, 189);  
box-shadow:4px 4px 4px 4px rgb(169, 173,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.833, 281.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 173, 189) }
```

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

```
.background{ background-color: rgb(169,  
173, 189) }
```

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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