

Converting Colors

CIELCh(81, 4.401, 278.970)

Have a look what the booklet for
CIELCh(81, 4.401, 278.970) contains.

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Color

CIELCh(81, 4.304, 280.991)

Conversions

Conversions Part 1

Format	Color
Hex	C7C9D1
RGB	199, 201, 209
RGB Percent	78%, 79%, 82%
CMY	0.2199, 0.2120, 0.1807
CMYK	0.05, 0.04, 0.00, 0.18
HSL	228°, 10%, 80%
HSV	228°, 5%, 82%
XYZ	55.9029, 58.4711, 68.6132
YIQ	201.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

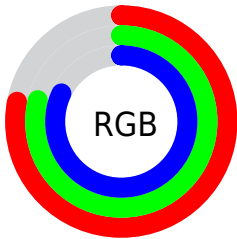
Format	Color
RYB	199, 201, 209
Decimal	13093329
CIELab	81.00, 0.82, -4.23
CIElCh	81, 4.304, 280.991
Yxy	58.4711, 0.3055, 0.3195
Android (android.graphics.Color)	4291283409 (0xFFC7C9D1)
YUV	201.3140, 3.7892, -2.0294
Hunter-Lab	76.4664, -3.3188, 0.3257

Details

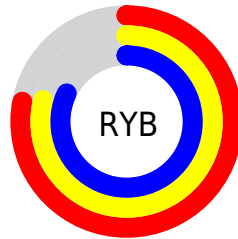
The CIELCh color **81, 4.304, 280.991** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 4.264, 99.810**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **61, 4.557, 281.166** is the 20% darker color. If you saturate the color by 10%, you get **75, 13.465, 282.237**, and if you desaturate by 10%, it is **87, 4.602, 99.790**.

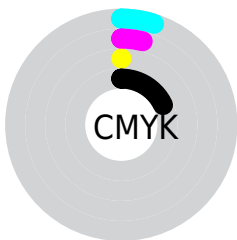
Distribution



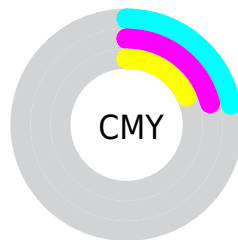
- Red (78%)
- Green (79%)
- Blue (82%)



- Red (78%)
- Yellow (79%)
- Blue (82%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.304, 280.991 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 81, 4.304, 280.991 by changing the saturation by 10% instead.

 81, 4.304, 280.991	 81, 4.304, 280.991
 100, 4.304, 280.991	 71, 4.304, 280.991
	 61, 4.304, 280.991
	 51, 4.304, 280.991
	 41, 4.304, 280.991
	 31, 4.304, 280.991
	 21, 4.304, 280.991
	 11, 4.304, 280.991
	 1, 4.304, 280.991
	 0, 4.304, 280.991

81, 4.304, 280.991

81, 4.304, 280.991

75, 13.465,
282.237

87, 4.602, 99.790

69, 22.905,
283.740

93, 13.264, 98.856

63, 32.647,
285.501

98, 21.388,
104.591

57, 42.720,
287.554

99, 23.267,
108.414

52, 53.153,
289.923

46, 63.948,
292.599

41, 75.024,
295.516

36, 86.091,
298.520

■ 32, 96.507,
301.365

Harmonies

Complementary

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



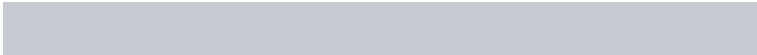
81, 4.304, 280.991



83, 4.264, 99.810

Rectangle

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



81, 4.304, 280.991



81, 4.304, 330.991



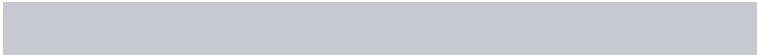
81, 4.304, 100.991



81, 4.304, 150.991

Sweetspot

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



81, 4.302, 280.972



99, 1.060, 280.674



83, 3.791, 181.699



53, 0.603, 280.678



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 4.302, 280.972



96, 6.349, 281.119



81, 5.436, 301.449



42, 3.580, 281.180



24, 85.195, 302.248



3, 22.049, 287.962

Inverse Universe

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



81, 3.840, 3.523



96, 5.677, 3.673



83, 5.370, 120.905



42, 3.203, 3.731



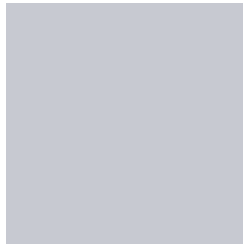
35, 67.821, 29.014



4, 20.213, 10.194

Previews

White Background



This preview shows how the CIELCh color 81, 4.304, 280.991 looks on a white background.

Color Contrast Check

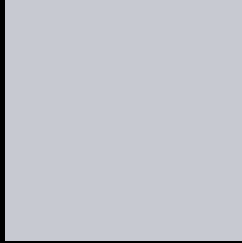
Large Text (above 18pt) WCAG AA × Fail

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 81, 4.304, 280.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

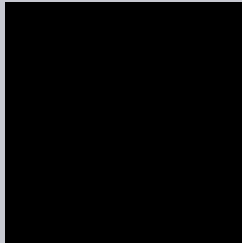
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

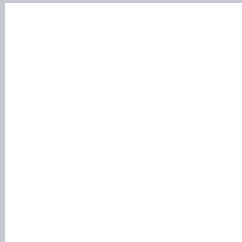
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.304, 280.991

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.304, 280.991.

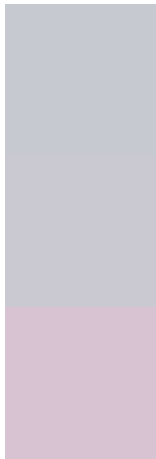


This preview shows how white text looks on a background with the CIELCh color 81, 4.304, 280.991.

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

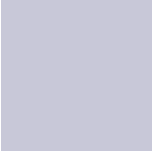
81, 4.304, 280.991

Protanopia

81, 4.329, 300.142

Deuteranopia

81, 11.084, 334.339



Tritanopia
81, 8.509, 290.936

Trichromacy



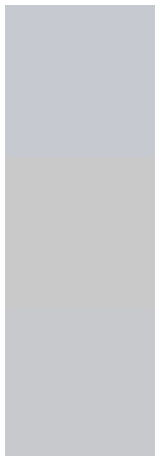
Original Color
81, 4.304, 280.991

Protanomaly
81, 4.279, 295.390

Deuteranomaly
81, 8.407, 324.748

Tritanomaly
81, 6.916, 290.798

Monochromacy



Original Color
81, 4.304, 280.991

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.637, 277.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.304, 280.991 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(199, 201, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 209)  
}
```

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(199, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.304, 280.991 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(199, 201, 209) }
```

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

```
.border{ border-color:rgb(199, 201, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.304, 280.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 209) }
```

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

```
.background{ background-color: rgb(199,  
201, 209) }
```

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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