

Converting Colors

CIELCh(81, 9.616, 272.320)

Have a look what the booklet for
CIELCh(81, 9.616, 272.320) contains.

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Color

CIELCh(81, 9.495, 271.706)

Conversions

Conversions Part 1

Format	Color
Hex	C1CADB
RGB	193, 202, 219
RGB Percent	76%, 79%, 86%
CMY	0.2445, 0.2092, 0.1425
CMYK	0.12, 0.08, 0.00, 0.14
HSL	219°, 26%, 81%
HSV	219°, 12%, 86%
XYZ	55.6878, 58.4711, 75.1306
YIQ	201.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

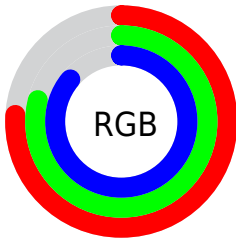
Format	Color
RYB	193, 200, 219
Decimal	12700379
CIELab	81.00, 0.28, -9.49
CIElCh	81, 9.495, 271.706
Yxy	58.4711, 0.2942, 0.3089
Android (android.graphics.Color)	4290890459 (0xFFC1CADB)
YUV	201.2470, 8.7522, -7.2326
Hunter-Lab	76.4664, -3.8208, -4.7278

Details

The CIELCh color $81, 9.495, 271.706$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 9.524, 88.557$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.735, 199.677$, and $61, 9.507, 271.023$ is the 20% darker color. If you saturate the color by 10%, you get $76, 17.598, 273.273$, and if you desaturate by 10%, it is $86, 1.504, 270.486$.

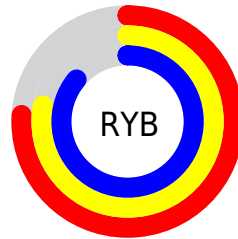
Distribution



Red (76%)

Green (79%)

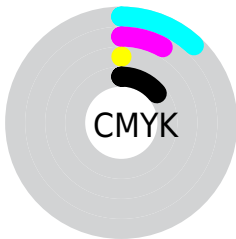
Blue (86%)



Red (76%)

Yellow (78%)

Blue (86%)

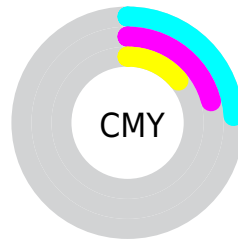


Cyan (12%)

Magenta (8%)

Yellow (0%)

Black (14%)



Cyan (24%)

Magenta (21%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 9.495, 271.706 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, 9.495, 271.706 by changing the saturation by 10% instead.

■ 81, 9.495, 271.706

■ 81, 9.495, 271.706

■ 100, 9.495,
271.706

■ 71, 9.495, 271.706

■ 61, 9.495, 271.706

■ 51, 9.495, 271.706

■ 41, 9.495, 271.706

■ 31, 9.495, 271.706

■ 21, 9.495, 271.706

■ 11, 9.495, 271.706

■ 1, 9.495, 271.706

■ 0, 9.495, 271.706

81, 9.495, 271.706

81, 9.495, 271.706

76, 17.598,
273.273

86, 1.504, 270.486

70, 25.819,
275.127

92, 6.369, 89.094

65, 34.167,
277.302

97, 13.735, 92.834

99, 18.376,
108.788

60, 42.663,
279.838

55, 51.343,
282.759

50, 60.247,
286.053

46, 69.396,
289.644

41, 78.728,
293.373

■ 38, 86.301,
296.278

Harmonies

Complementary

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



81, 9.495, 271.706



84, 9.524, 88.557

Rectangle

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



81, 9.495, 271.706



81, 9.495, 321.706



81, 9.495, 91.706



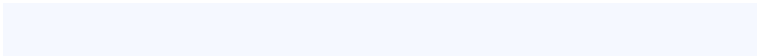
81, 9.495, 141.706

Sweetspot

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



81, 9.494, 271.697



98, 3.605, 270.666



85, 10.477, 171.540



52, 2.563, 270.753



0, 0.000, 0.000



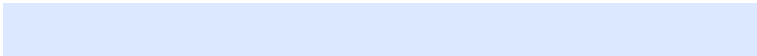
53, 0.007, 296.813

Same Dimension

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



81, 9.494, 271.697



92, 12.685, 272.026



79, 13.996, 297.009



43, 4.538, 271.351



30, 71.393, 295.684



5, 22.312, 284.775

Inverse Universe

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



80, 10.758, 353.921



91, 14.410, 354.161



86, 13.633, 115.176



43, 5.128, 353.661



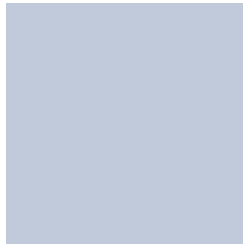
36, 64.352, 16.541



6, 24.045, 4.415

Previews

White Background



This preview shows how the CIELCh color 81, 9.495, 271.706 looks on a white background.

Color Contrast Check

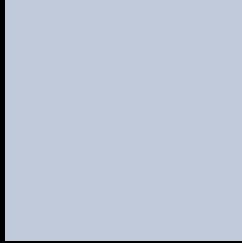
Large Text (above 18pt) WCAG AA × Fail

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, 9.495, 271.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

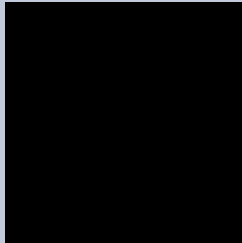
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

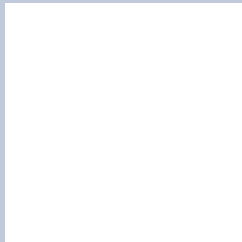
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 9.495, 271.706

Background



This preview shows how black text looks on a background with the CIELCh color 81, 9.495, 271.706.

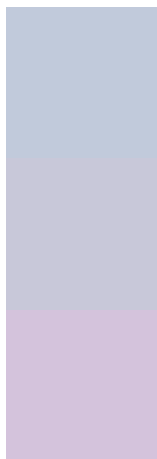


This preview shows how white text looks on a background with the CIELCh color 81, 9.495, 271.706.

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

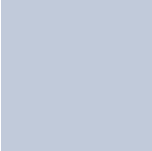
81, 9.495, 271.706

Protanopia

81, 9.041, 290.982

Deuteranopia

81, 14.682, 315.560



Tritanopia
81, 8.999, 270.506

Trichromacy



Original Color
81, 9.495, 271.706

Protanomaly
81, 9.117, 282.132

Deuteranomaly
81, 12.611, 304.158

Tritanomaly
81, 8.999, 270.506

Monochromacy



Original Color
81, 9.495, 271.706

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.354, 271.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 9.495, 271.706 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(193, 202, 219)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 219)  
}
```

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(193, 202, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 9.495, 271.706 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(193, 202, 219) }
```

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

```
.border{ border-color:rgb(193, 202, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 219);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 9.495, 271.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 219) }
```

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

```
.background{ background-color: rgb(193,  
202, 219) }
```

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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