

Converting Colors

CIE LCh(81, 9.117, 282.132)

Have a look what the booklet for
CIELCh(81, 9.117, 282.132) contains.

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Color

CIELCh(81, 9.117, 282.132)

Conversions

Conversions Part 1

Format	Color
Hex	C5C9DA
RGB	197, 201, 218
RGB Percent	77%, 79%, 85%
CMY	0.2288, 0.2132, 0.1465
CMYK	0.10, 0.08, 0.00, 0.15
HSL	229°, 22%, 81%
HSV	229°, 10%, 85%
XYZ	56.3426, 58.4711, 74.3966
YIQ	201.7420, -7.8410, 4.4390

Conversions

Conversions Part 2

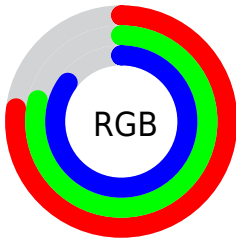
Format	Color
R _Y B	197, 200, 218
Decimal	12962266
CIE Lab	81.00, 1.92, -8.91
CIE LCh	81, 9.117, 282.132
Yxy	58.4711, 0.2978, 0.3090
Android (android.graphics.Color)	4291152346 (0xFFC5C9DA)
YUV	201.7420, 8.0152, -4.1587
Hunter-Lab	76.4664, -2.2924, -4.1587

Details

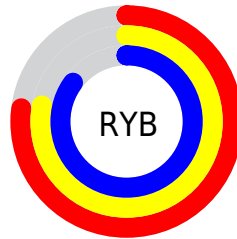
The CIELCh color `81, 9.117, 282.132` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 9.004, 99.857`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `61, 9.098, 281.886` is the 20% darker color. If you saturate the color by 10%, you get `75, 18.837, 283.501`, and if you desaturate by 10%, it is `87, 0.319, 100.411`.

Distribution



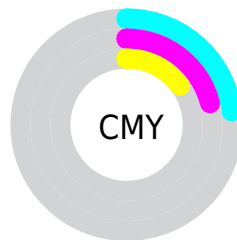
- Red (77%)
- Green (79%)
- Blue (85%)



- Red (77%)
- Yellow (78%)
- Blue (85%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 9.117, 282.132 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, 9.117, 282.132 by changing the saturation by 10% instead.

■ 81, 9.117, 282.132

■ 81, 9.117, 282.132

■ 100, 9.117,
282.132

■ 71, 9.117, 282.132

■ 61, 9.117, 282.132

■ 51, 9.117, 282.132

■ 41, 9.117, 282.132

■ 31, 9.117, 282.132

■ 21, 9.117, 282.132

■ 11, 9.117, 282.132

■ 1, 9.117, 282.132

■ 0, 9.117, 282.132

81, 9.117, 282.132

81, 9.117, 282.132

75, 18.837,
283.501

87, 0.319, 100.411

69, 28.868,
285.120

93, 9.486, 99.880

63, 39.240,
287.013

99, 18.152,
107.040

56, 49.983,
289.213

99, 18.889,
108.748

50, 61.116,
291.726

45, 72.599,
294.517

39, 84.234,
297.473

35, 95.508,
300.384

■ 31, 105.500,
302.929

Harmonies

Complementary

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



81, 9.117, 282.132



85, 9.004, 99.857

Rectangle

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



81, 9.117, 282.132



81, 9.117, 332.132



81, 9.117, 102.132



81, 9.117, 152.132

Sweetspot

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



81, 9.115, 282.124



98, 3.200, 281.357



85, 7.798, 182.460



52, 2.427, 281.439



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, 9.115, 282.124



92, 12.939, 282.442



80, 11.442, 302.372



43, 5.396, 282.098



24, 88.180, 302.621



3, 25.734, 290.389

Inverse Universe

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



81, 8.076, 4.801



92, 11.500, 5.067



86, 11.225, 121.257



43, 4.779, 4.778



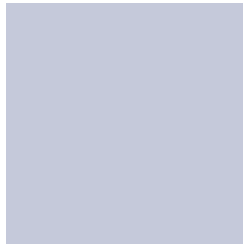
36, 69.855, 29.872



5, 23.737, 12.027

Previews

White Background



This preview shows how the CIELCh color 81, 9.117, 282.132 looks on a white background.

Color Contrast Check

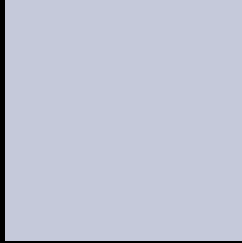
Large Text (above 18pt) WCAG AA × Fail

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, 9.117, 282.132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

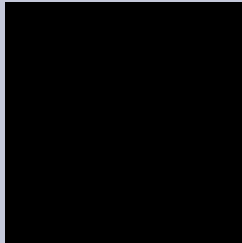
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

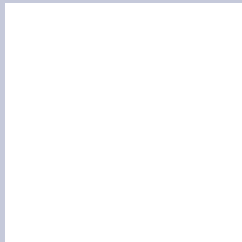
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 9.117, 282.132

Background



This preview shows how black text looks on a background with the CIELCh color 81, 9.117, 282.132.

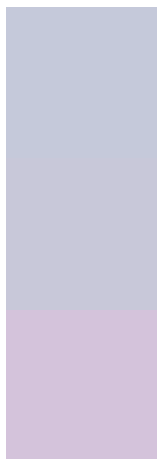


This preview shows how white text looks on a background with the CIELCh color 81, 9.117, 282.132.

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, 9.117, 282.132

Protanopia

81, 9.041, 290.982

Deuteranopia

81, 14.203, 316.444



Tritanopia
81, 8.651, 279.233

Trichromacy



Original Color
81, 9.117, 282.132

Protanomaly
81, 9.042, 288.751

Deuteranomaly
81, 12.185, 306.328

Tritanomaly
81, 8.651, 279.233

Monochromacy



Original Color
81, 9.117, 282.132

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.263, 277.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 9.117, 282.132 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(197, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 218)  
}
```

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(197, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 9.117, 282.132 is called "border". The border property can be set on classes, ids or directly on the HTML element.

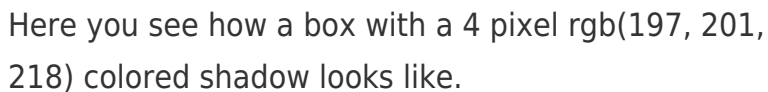
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 201, 218) }
```

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

```
.border{ border-color:rgb(197, 201, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 201, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 201, 218); box-shadow:4px 4px 4px 4px rgb(197, 201, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 9.117, 282.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 218) }
```

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

```
.background{ background-color: rgb(197,  
201, 218) }
```

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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