

Converting Colors

CIELCh(81, 10.168, 312.393)

Have a look what the booklet for
CIELCh(81, 10.168, 312.393)
contains.

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Color

CIELCh(81, 9.768, 312.405)

Conversions

Conversions Part 1

Format	Color
Hex	D0C6D7
RGB	208, 198, 215
RGB Percent	82%, 78%, 84%
CMY	0.1857, 0.2249, 0.1583
CMYK	0.03, 0.08, 0.00, 0.16
HSL	275°, 17%, 81%
HSV	275°, 8%, 84%
XYZ	58.2434, 58.4711, 72.2625
YIQ	202.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

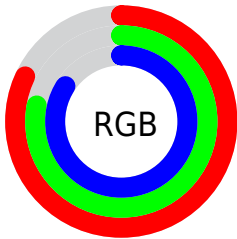
Format	Color
R _{YB}	208, 198, 215
Decimal	13682391
CIE _{Lab}	81.00, 6.59, -7.21
CIE _{LCh}	81, 9.768, 312.405
Yxy	58.4711, 0.3082, 0.3094
Android (android.graphics.Color)	4291872471 (0xFFD0C6D7)
YUV	202.9280, 5.9515, 4.4481
Hunter-Lab	76.4664, 2.1447, -2.5040

Details

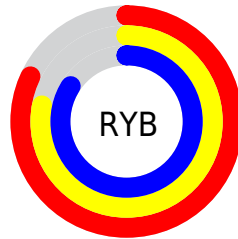
The CIELCh color $81, 9.768, 312.405$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 9.669, 131.771$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 9.820, 313.706$ is the 20% darker color. If you saturate the color by 10%, you get $75, 22.374, 312.856$, and if you desaturate by 10%, it is $87, 2.523, 132.066$.

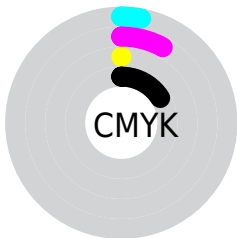
Distribution



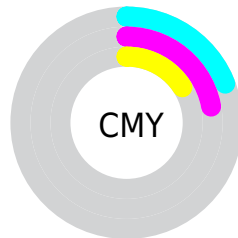
- Red (82%)
- Green (78%)
- Blue (84%)



- Red (82%)
- Yellow (78%)
- Blue (84%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 9.768, 312.405 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, 9.768, 312.405 by changing the saturation by 10% instead.

■ 81, 9.768, 312.405

■ 81, 9.768, 312.405

■ 100, 9.768,
312.405

■ 71, 9.768, 312.405

■ 61, 9.768, 312.405

■ 51, 9.768, 312.405

■ 41, 9.768, 312.405

■ 31, 9.768, 312.405

■ 21, 9.768, 312.405

■ 11, 9.768, 312.405

■ 1, 9.768, 312.405

■ 0, 9.768, 312.405

81, 9.768, 312.405

81, 9.768, 312.405

75, 22.374,
312.856

87, 2.523, 132.066

69, 35.235,
313.325

93, 14.463,
131.637

63, 48.225,
313.797

98, 21.882,
128.929

57, 61.127,
314.246

98, 20.924,
120.779

52, 73.593,
314.632

99, 20.443,
111.905

47, 85.096,
314.893

99, 20.398,
108.633

43, 94.932,
314.949

39, 102.322,
314.708

■ 37,106.824,
314.112

Harmonies

Complementary

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



81, 9.768, 312.405



85, 9.669, 131.771

Rectangle

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



81, 9.768, 312.405



81, 9.768, 2.405



81, 9.768, 132.405



81, 9.768, 182.405

Sweetspot

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



81, 9.766, 312.403



99, 2.823, 312.108



82, 5.777, 264.972



53, 1.605, 312.101



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, 9.766, 312.403



94, 12.788, 312.455



82, 10.347, 327.196



42, 7.003, 312.470



29, 90.660, 314.150



4, 29.656, 312.056

Inverse Universe

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



81, 7.283, 349.335



94, 9.540, 349.453



84, 10.325, 146.326



42, 5.225, 349.487



36, 62.678, 10.192



5, 22.805, 359.947

Previews

White Background



This preview shows how the CIELCh color 81, 9.768, 312.405 looks on a white background.

Color Contrast Check

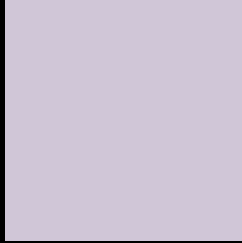
Large Text (above 18pt) WCAG AA × Fail

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, 9.768, 312.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

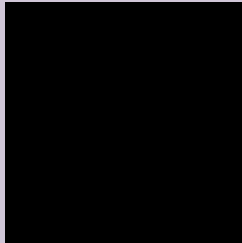
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

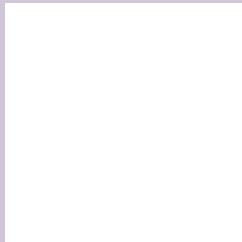
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 9.768, 312.405

Background



This preview shows how black text looks on a background with the CIELCh color 81, 9.768, 312.405.

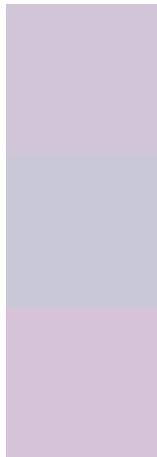


This preview shows how white text looks on a background with the CIELCh color 81, 9.768, 312.405.

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, 9.768, 312.405

Protanopia

81, 8.509, 290.936

Deuteranopia

81, 12.703, 323.558



Tritanopia
81, 8.649, 312.758

Trichromacy



Original Color
81, 9.768, 312.405

Protanomaly
81, 9.178, 299.865

Deuteranomaly
81, 11.682, 320.439

Tritanomaly
81, 9.143, 311.522

Monochromacy



Original Color
81, 9.768, 312.405

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 3.523, 314.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 9.768, 312.405 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(208, 198, 215)` looks like.

```
.text, #text, p{  
    color:rgb(208, 198, 215)  
}
```

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(208, 198, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 198, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 9.768, 312.405 is called "border". The border property can be set on classes, ids or directly on the HTML element.

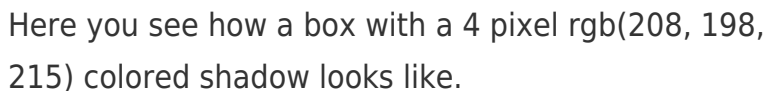
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 198, 215) }
```

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

```
.border{ border-color:rgb(208, 198, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 198, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 198, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 198, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 198,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 9.768, 312.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 198, 215) }
```

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

```
.background{ background-color: rgb(208,  
198, 215) }
```

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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