

Converting Colors

CIELCh(81, 8.343, 328.397)

Have a look what the booklet for
CIELCh(81, 8.343, 328.397) contains.

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Color

CIELCh(81, 8.198, 328.966)

Conversions

Conversions Part 1

Format	Color
Hex	D3C5D1
RGB	211, 197, 209
RGB Percent	83%, 77%, 82%
CMY	0.1720, 0.2269, 0.1799
CMYK	0.00, 0.07, 0.01, 0.17
HSL	309°, 14%, 80%
HSV	309°, 7%, 83%
XYZ	58.4235, 58.4711, 68.6148
YIQ	202.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

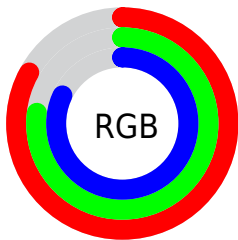
Format	Color
R_{YB}	211, 197, 209
Decimal	13878737
CIE Lab	81.00, 7.02, -4.23
CIE LCh	81, 8.198, 328.966
Yxy	58.4711, 0.3149, 0.3152
Android (android.graphics.Color)	4292068817 (0xFFD3C5D1)
YUV	202.5540, 3.1779, 7.4071
Hunter-Lab	76.4664, 2.5652, 0.3244

Details

The CIELCh color $81, 8.198, 328.966$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $83, 8.173, 148.243$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.630, 323.973$, and $61, 8.439, 327.019$ is the 20% darker color. If you saturate the color by 10%, you get $76, 20.670, 329.593$, and if you desaturate by 10%, it is $86, 4.114, 148.493$.

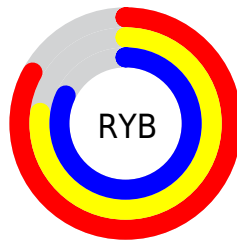
Distribution



Red (83%)

Green (77%)

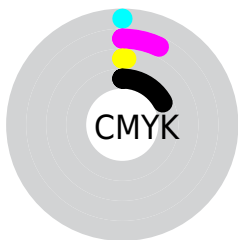
Blue (82%)



Red (83%)

Yellow (77%)

Blue (82%)

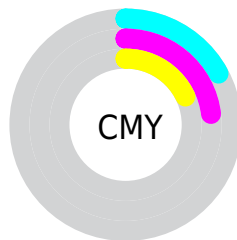


Cyan (0%)

Magenta (7%)

Yellow (1%)

Black (17%)



Cyan (17%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.198, 328.966 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, 8.198, 328.966 by changing the saturation by 10% instead.

 81, 8.198, 328.966

 81, 8.198, 328.966

 100, 8.198,
328.966

 71, 8.198, 328.966

 61, 8.198, 328.966

 51, 8.198, 328.966

 41, 8.198, 328.966

 31, 8.198, 328.966

 21, 8.198, 328.966

 11, 8.198, 328.966

 1, 8.198, 328.966

 0, 8.198, 328.966

81, 8.198, 328.966

81, 8.198, 328.966

76, 20.670,
329.593

86, 4.114, 148.493

71, 33.140,
330.215

92, 16.157,
147.874

66, 45.351,
330.842

96, 24.550,
148.037

61, 56.947,
331.471

96, 23.350,
150.372

57, 67.467,
332.097

96, 22.186,
152.946

54, 76.379,
332.723

96, 21.067,
155.789

52, 83.165,
333.354

96, 19.998,
158.932

50, 87.459,
334.007

97, 18.991,
162.407

■ 49, 89.234,
334.703

■ 97, 18.055,
166.248

Harmonies

Complementary

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



81, 8.198, 328.966



83, 8.173, 148.243

Rectangle

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



81, 8.198, 328.966



81, 8.198, 18.966



81, 8.198, 148.966



81, 8.198, 198.966

Sweetspot

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



81, 8.196, 328.967



99, 2.877, 328.610



80, 7.504, 295.935



53, 1.636, 328.598



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, 8.196, 328.967



95, 11.537, 329.061



81, 5.845, 352.034



41, 6.971, 329.144



39, 75.762, 334.823



5, 27.871, 333.084

Inverse Universe

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



81, 8.196, 328.967



95, 11.537, 329.061



83, 5.752, 170.996



41, 6.971, 329.144



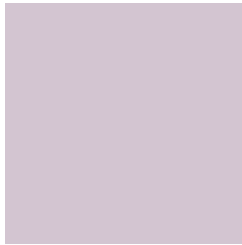
39, 75.762, 334.823



5, 27.871, 333.084

Previews

White Background



This preview shows how the CIELCh color 81, 8.198, 328.966 looks on a white background.

Color Contrast Check

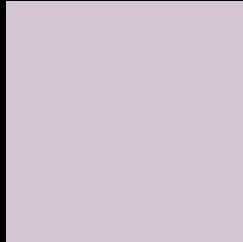
Large Text (above 18pt) WCAG AA × Fail

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, 8.198, 328.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

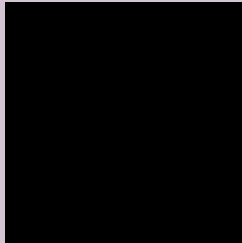
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

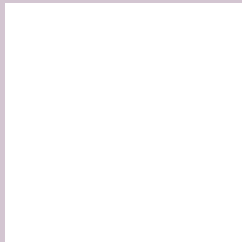
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 8.198, 328.966

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.198, 328.966.



This preview shows how white text looks on a background with the CIELCh color 81, 8.198, 328.966.

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, 8.198, 328.966

Protanopia

81, 5.906, 297.663

Deuteranopia

81, 11.340, 335.705



Tritanopia
81, 9.688, 324.801

Trichromacy



Original Color

81, 8.198, 328.966

Protanomaly

81, 6.267, 310.840

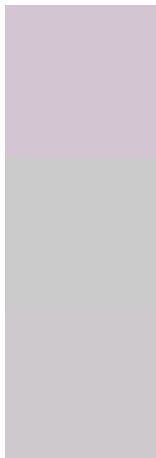
Deuteranomaly

81, 10.194, 333.385

Tritanomaly

81, 9.257, 326.653

Monochromacy



Original Color

81, 8.198, 328.966

Achromatopsia

82, 0.010, 296.813

Achromatomaly

81, 2.819, 330.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.198, 328.966 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(211, 197, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 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(211, 197, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.198, 328.966 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(211, 197, 209) }
```

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

```
.border{ border-color:rgb(211, 197, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.198, 328.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 209) }
```

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

```
.background{ background-color: rgb(211,  
197, 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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