

Converting Colors

CIELCh(81, 4.212, 359.871)

Have a look what the booklet for
CIELCh(81, 4.212, 359.871) contains.

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Color

CIELCh(81, 3.839, 3.547)

Conversions

Conversions Part 1

Format	Color
Hex	D1C7C9
RGB	209, 199, 201
RGB Percent	82%, 78%, 79%
CMY	0.1813, 0.2205, 0.2126
CMYK	0.00, 0.05, 0.04, 0.18
HSL	348°, 10%, 80%
HSV	348°, 5%, 82%
XYZ	57.1170, 58.4711, 63.3942
YIQ	202.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

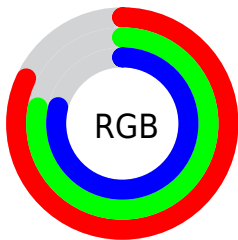
Format	Color
R _Y B	209, 199, 201
Decimal	13748169
CIE Lab	81.00, 3.83, 0.24
CIE LCh	81, 3.839, 3.547
Yxy	58.4711, 0.3191, 0.3267
Android (android.graphics.Color)	4291938249 (0xFFD1C7C9)
YUV	202.2180, -0.6005, 5.9478
Hunter-Lab	76.4664, -0.4846, 4.3723

Details

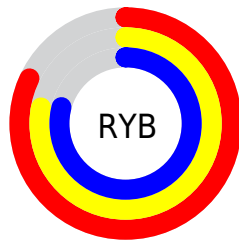
The CIELCh color **81, 3.839, 3.547** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 3.761, 182.990**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **61, 4.074, 3.725** is the 20% darker color. If you saturate the color by 10%, you get **75, 12.166, 4.673**, and if you desaturate by 10%, it is **87, 4.057, 182.969**.

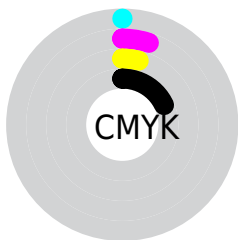
Distribution



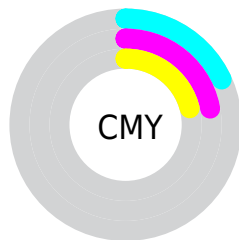
- Red (82%)
- Green (78%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 3.839, 3.547 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, 3.839, 3.547 by changing the saturation by 10% instead.

■ 81, 3.839, 3.547

■ 81, 3.839, 3.547

■ 100, 3.839, 3.547

■ 71, 3.839, 3.547

■ 61, 3.839, 3.547

■ 51, 3.839, 3.547

■ 41, 3.839, 3.547

■ 31, 3.839, 3.547

■ 21, 3.839, 3.547

■ 11, 3.839, 3.547

■ 1, 3.839, 3.547

■ 0, 3.839, 3.547

81, 3.839, 3.547

81, 3.839, 3.547

75, 12.166, 4.673

87, 4.057, 182.969

70, 20.898, 5.888

93, 11.518,
182.130

64, 29.949, 7.341

97, 15.695,
190.731

59, 39.154, 9.123

55, 48.260, 11.351

97, 15.385,
198.482

51, 56.926, 14.169

48, 64.800, 17.730

46, 71.641, 22.130

44, 77.442, 27.273

Harmonies

Complementary

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



81, 3.839, 3.547



83, 3.761, 182.990

Rectangle

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



81, 3.839, 3.547



81, 3.839, 53.547



81, 3.839, 183.547



81, 3.839, 233.547

Sweetspot

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



81, 3.837, 3.568



99, 0.937, 2.710



81, 6.083, 318.986



53, 0.533, 2.671



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, 3.837, 3.568



96, 5.676, 3.719



82, 3.015, 51.071



42, 3.203, 3.777



35, 67.848, 29.059



4, 20.212, 10.222

Inverse Universe

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



81, 3.837, 3.568



96, 5.676, 3.719



82, 2.947, 232.071



42, 3.203, 3.777



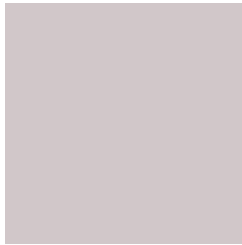
35, 67.848, 29.059



4, 20.212, 10.222

Previews

White Background



This preview shows how the CIELCh color 81, 3.839, 3.547 looks on a white background.

Color Contrast Check

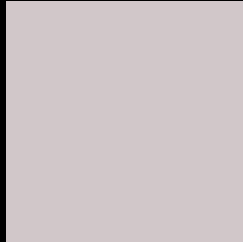
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 81, 3.839, 3.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

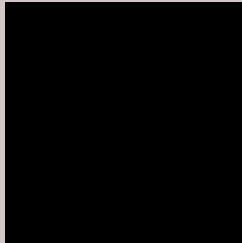
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

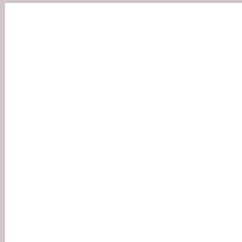
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 3.839, 3.547

Background



This preview shows how black text looks on a background with the CIELCh color 81, 3.839, 3.547.

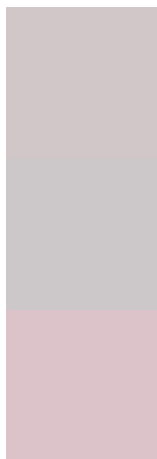


This preview shows how white text looks on a background with the CIELCh color 81, 3.839, 3.547.

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, 3.839, 3.547

Protanopia

81, 1.823, 343.584

Deuteranopia

81, 9.988, 358.410



Tritanopia
81, 9.301, 321.071

Trichromacy



Original Color

81, 3.839, 3.547

Protanomaly

81, 2.454, 353.762

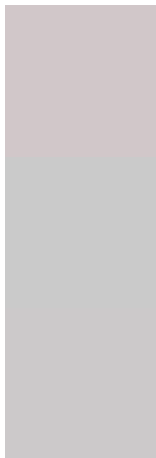
Deuteranomaly

81, 8.059, 356.778

Tritanomaly

81, 6.912, 329.690

Monochromacy



Original Color

81, 3.839, 3.547

Achromatopsia

81, 0.010, 296.813

Achromatomaly

81, 1.228, 353.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 3.839, 3.547 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(209, 199, 201)` looks like.

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

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

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

Border

The CSS property to change the border of an element to CIELCh 81, 3.839, 3.547 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(209, 199, 201) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 81, 3.839, 3.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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