

Converting Colors

CIELCh(81, 9.988, 358.410)

Have a look what the booklet for
CIELCh(81, 9.988, 358.410) contains.

CIELCh(81, 9.988, 358.410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 9.988, 358.410)

Conversions

Conversions Part 1

Format	Color
Hex	DCC3CA
RGB	220, 195, 202
RGB Percent	86%, 76%, 79%
CMY	0.1375, 0.2355, 0.2081
CMYK	0.00, 0.11, 0.08, 0.14
HSL	343°, 26%, 81%
HSV	343°, 11%, 86%
XYZ	59.6522, 58.4711, 63.9821
YIQ	203.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

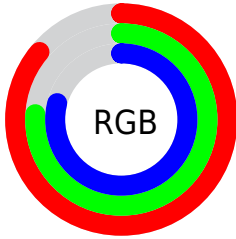
Format	Color
R _Y B	220, 195, 202
Decimal	14468042
CIE Lab	81.00, 9.98, -0.28
CIE LCh	81, 9.988, 358.410
Yxy	58.4711, 0.3276, 0.3211
Android (android.graphics.Color)	4292658122 (0xFFDCC3CA)
YUV	203.2730, -0.6276, 14.6696
Hunter-Lab	76.4664, 5.4334, 3.9165

Details

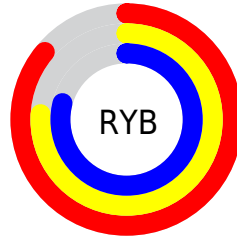
The CIELCh color **81, 9.988, 358.410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 9.643, 176.367**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **61, 10.232, 357.908** is the 20% darker color. If you saturate the color by 10%, you get **75, 19.156, 359.573**, and if you desaturate by 10%, it is **87, 1.176, 357.052**.

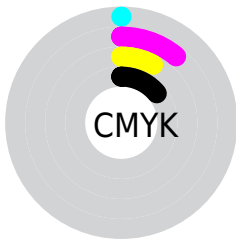
Distribution



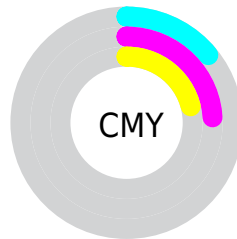
- Red (86%)
- Green (76%)
- Blue (79%)



- Red (86%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 9.988, 358.410 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, 9.988, 358.410 by changing the saturation by 10% instead.

81, 9.988, 358.410

81, 9.988, 358.410

100, 9.988,
358.410

71, 9.988, 358.410

61, 9.988, 358.410

51, 9.988, 358.410

41, 9.988, 358.410

31, 9.988, 358.410

21, 9.988, 358.410

11, 9.988, 358.410

1, 9.988, 358.410

0, 9.988, 358.410

81, 9.988, 358.410

81, 9.988, 358.410

75, 19.156,
359.573

87, 1.176, 357.052

93, 7.234, 176.711

70, 28.594, 0.914

97, 12.329,
185.353

64, 38.128, 2.522

98, 11.822,
198.716

59, 47.487, 4.495

55, 56.299, 6.962

52, 64.142, 10.088

49, 70.674, 14.038

47, 75.821, 18.907

46, 79.567, 23.622

Harmonies

Complementary

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



81, 9.988, 358.410



86, 9.643, 176.367

Rectangle

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



81, 9.988, 358.410



81, 9.988, 48.410



81, 9.988, 178.410



81, 9.988, 228.410

Sweetspot

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



81, 9.986, 358.417



98, 2.921, 357.448



81, 14.818, 316.725



52, 2.217, 357.565



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, 9.986, 358.417



91, 13.951, 358.722



82, 7.882, 41.060



43, 4.956, 358.207



36, 66.222, 22.611



5, 23.852, 7.970

Inverse Universe

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



81, 9.986, 358.417



91, 13.951, 358.722



85, 7.344, 221.937



43, 4.956, 358.207



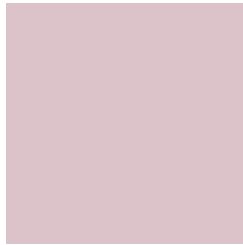
36, 66.222, 22.611



5, 23.852, 7.970

Previews

White Background



This preview shows how the CIELCh color 81, 9.988, 358.410 looks on a white background.

Color Contrast Check

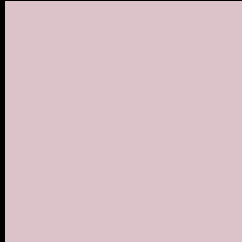
Large Text (above 18pt) WCAG AA × Fail

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, 9.988, 358.410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

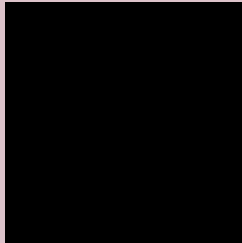
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 9.988, 358.410

Background



This preview shows how black text looks on a background with the CIELCh color 81, 9.988, 358.410.



This preview shows how white text looks on a background with the CIELCh color 81, 9.988, 358.410.

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, 9.988, 358.410

Protanopia

81, 3.051, 318.849

Deuteranopia

81, 9.988, 358.410



Tritanopia
81, 12.717, 341.723

Trichromacy



Original Color
81, 9.988, 358.410

Protanomaly
81, 5.454, 344.043

Deuteranomaly
81, 9.988, 358.410

Tritanomaly
81, 11.820, 347.811

Monochromacy



Original Color
81, 9.988, 358.410

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 3.679, 353.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 9.988, 358.410 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(220, 195, 202)` looks like.

```
.text, #text, p{  
    color:rgb(220, 195, 202)  
}
```

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(220, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 195, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 9.988, 358.410 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(220, 195, 202) }
```

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

```
.border{ border-color:rgb(220, 195, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 195, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 195, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 195, 202); box-shadow:4px 4px 4px 4px rgb(220, 195, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 9.988, 358.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 195, 202) }
```

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

```
.background{ background-color: rgb(220,  
195, 202) }
```

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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