

Converting Colors

CIELCh(81, 17.986, 328.035)

Have a look what the booklet for
CIELCh(81, 17.986, 328.035)
contains.

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Color

CIELCh(81, 18.002, 328.039)

Conversions

Conversions Part 1

Format	Color
Hex	DEC0DB
RGB	222, 192, 219
RGB Percent	87%, 75%, 86%
CMY	0.1286, 0.2463, 0.1404
CMYK	0.00, 0.14, 0.01, 0.13
HSL	306°, 31%, 81%
HSV	306°, 14%, 87%
XYZ	61.8906, 58.4711, 75.1796
YIQ	204.0480, 9.2130, 14.7570

Conversions

Conversions Part 2

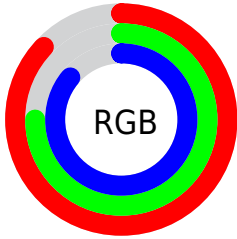
Format	Color
R _Y B	222, 192, 219
Decimal	14598363
CIE Lab	81.00, 15.27, -9.53
CIE LCh	81, 18.002, 328.039
Yxy	58.4711, 0.3165, 0.2990
Android (android.graphics.Color)	4292788443 (0xFFDEC0DB)
YUV	204.0480, 7.3713, 15.7439
Hunter-Lab	76.4664, 10.6586, -4.7658

Details

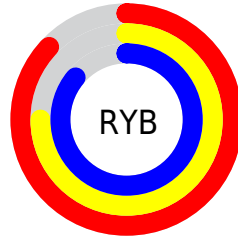
The CIELCh color **81, 18.002, 328.039** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86, 17.967, 146.434**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 4.358, 324.523**, and **61, 18.332, 328.356** is the 20% darker color. If you saturate the color by 10%, you get **76, 31.408, 328.636**, and if you desaturate by 10%, it is **87, 4.643, 327.410**.

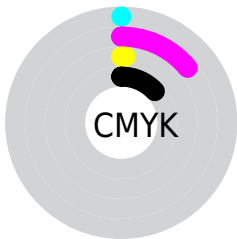
Distribution



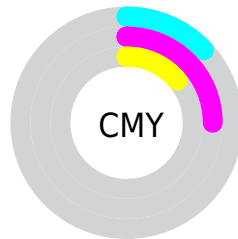
- Red (87%)
- Green (75%)
- Blue (86%)



- Red (87%)
- Yellow (75%)
- Blue (86%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 18.002, 328.039 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, 18.002, 328.039 by changing the saturation by 10% instead.


 81, 18.002,
328.039


 81, 18.002,
328.039


 100, 18.002,
328.039


 71, 18.002,
328.039


 61, 18.002,
328.039

 51, 18.002,
328.039

 41, 18.002,
328.039

 31, 18.002,
328.039

 21, 18.002,
328.039

 11, 18.002,

328.039

■ 1, 18.002, 328.039

■ 0, 18.002, 328.039

■ 81, 18.002,
328.039

■ 81, 18.002,
328.039

■ 76, 31.408,
328.636

■ 87, 4.643, 327.410

■ 71, 44.624,
329.229

■ 92, 8.502, 146.945

■ 66, 57.299,
329.813

■ 97, 18.973,
146.828

■ 62, 68.976,
330.379

■ 97, 18.076,
148.989

■ 58, 79.109,

■ 97, 17.203,
151.365

330.920

97, 16.361,
153.982

55, 87.144,
331.435

97, 15.553,
156.869

53, 92.644,
331.926

97, 14.785,
160.056

52, 95.461,
332.408

97, 14.066,
163.572

52, 96.200,
332.722

Harmonies

Complementary

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



81, 18.002, 328.039



86, 17.967, 146.434

Rectangle

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



81, 18.002, 328.039



81, 18.002, 18.039



81, 18.002, 148.039



81, 18.002, 198.039

Sweetspot

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



81, 18.000, 328.039



97, 5.930, 327.449



79, 16.109, 295.311



52, 4.216, 327.501



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, 18.000, 328.039



90, 23.876, 328.196



81, 12.795, 350.637



44, 7.614, 327.795



41, 80.909, 332.646



7, 33.587, 331.846

Inverse Universe

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



81, 18.000, 328.039



90, 23.876, 328.196



86, 12.459, 168.222



44, 7.614, 327.795



41, 80.909, 332.646



7, 33.587, 331.846

Previews

White Background



This preview shows how the CIELCh color 81, 18.002, 328.039 looks on a white background.

Color Contrast Check

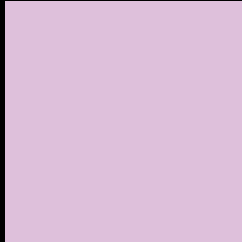
Large Text (above 18pt) WCAG AA × Fail

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, 18.002, 328.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

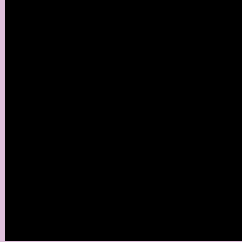
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 18.002, 328.039

Background



This preview shows how black text looks on a background with the CIELCh color 81, 18.002, 328.039.

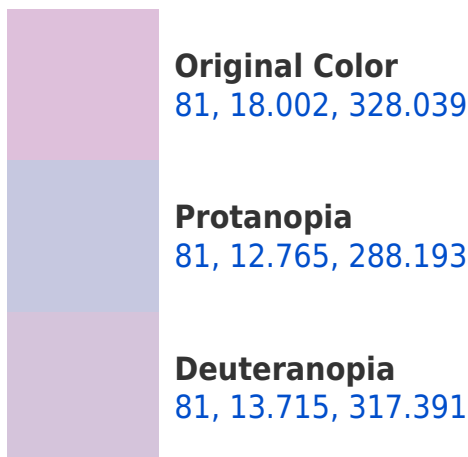


This preview shows how white text looks on a background with the CIELCh color 81, 18.002, 328.039.

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





Tritanopia
81, 12.717, 341.723

Trichromacy



Original Color
81, 18.002, 328.039

Protanomaly
81, 13.816, 306.072

Deuteranomaly
81, 14.870, 321.507

Tritanomaly
81, 14.746, 334.553

Monochromacy



Original Color
81, 18.002, 328.039

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.674, 327.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 18.002, 328.039 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(222, 192, 219)` looks like.

```
.text, #text, p{  
    color:rgb(222, 192, 219)  
}
```

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(222, 192, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 192, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 18.002, 328.039 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(222, 192, 219) }
```

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

```
.border{ border-color:rgb(222, 192, 219) }
```

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

Here you see how a box with a 4 pixel rgb(222, 192, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 192, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 192, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 192,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 18.002, 328.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 192, 219) }
```

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

```
.background{ background-color: rgb(222,  
192, 219) }
```

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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