

Converting Colors

CIELCh(81, 17.898, 321.234)

Have a look what the booklet for
CIELCh(81, 17.898, 321.234)
contains.

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Color

CIELCh(81, 17.882, 321.232)

Conversions

Conversions Part 1

Format	Color
Hex	DAC1DE
RGB	218, 193, 222
RGB Percent	85%, 76%, 87%
CMY	0.1442, 0.2422, 0.1285
CMYK	0.02, 0.13, 0.00, 0.13
HSL	292°, 31%, 81%
HSV	292°, 13%, 87%
XYZ	61.3222, 58.4711, 77.3279
YIQ	203.7810, 5.5910, 14.3190

Conversions

Conversions Part 2

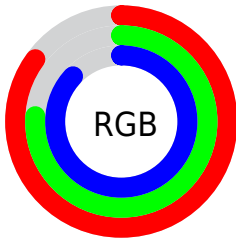
Format	Color
R _Y B	218, 193, 222
Decimal	14336478
CIE Lab	81.00, 13.94, -11.20
CIE LCh	81, 17.882, 321.232
Yxy	58.4711, 0.3111, 0.2966
Android (android.graphics.Color)	4292526558 (0xFFDAC1DE)
YUV	203.7810, 8.9820, 12.4701
Hunter-Lab	76.4664, 9.3319, -6.4315

Details

The CIELCh color $81, 17.882, 321.232$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 17.794, 139.985$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 324.451$, and $61, 18.221, 321.248$ is the 20% darker color. If you saturate the color by 10%, you get $75, 31.747, 321.708$, and if you desaturate by 10%, it is $87, 4.149, 320.718$.

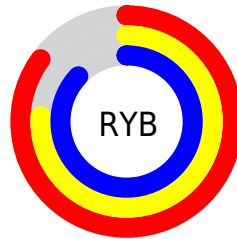
Distribution



Red (85%)

Green (76%)

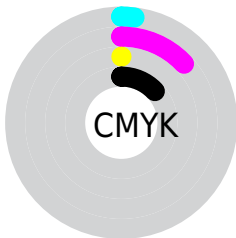
Blue (87%)



Red (85%)

Yellow (76%)

Blue (87%)

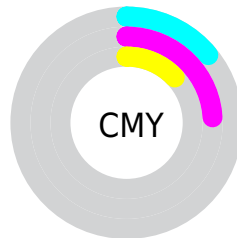


Cyan (2%)

Magenta (13%)

Yellow (0%)

Black (13%)



Cyan (14%)


Magenta (24%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 17.882, 321.232 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, 17.882, 321.232 by changing the saturation by 10% instead.


 81, 17.882,
321.232

 81, 17.882,
321.232


 100, 17.882,
321.232


 71, 17.882,
321.232


 61, 17.882,
321.232

 51, 17.882,
321.232

 41, 17.882,
321.232

 31, 17.882,
321.232

 21, 17.882,
321.232

 11, 17.882,

321.232

■ 1, 17.882, 321.232

■ 0, 17.882, 321.232

■ 81, 17.882,
321.232

■ 81, 17.882,
321.232

■ 75, 31.747,
321.708

■ 87, 4.149, 320.718

■ 70, 45.552,
322.166

■ 93, 9.320, 140.346

■ 65, 58.998,
322.589

■ 97, 19.458,
139.407

■ 60, 71.668,
322.950

■ 98, 18.909,
136.654

■ 56, 83.030,

■ 98, 18.405,
133.722

323.217

98, 17.952,
130.611

53, 92.483,
323.355

98, 17.554,
127.327

50, 99.472,
323.330

98, 17.218,
123.880

48, 103.689,
323.118

99, 16.947,
120.289

48, 105.307,
322.879

Harmonies

Complementary

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



81, 17.882, 321.232



86, 17.794, 139.985

Rectangle

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



81, 17.882, 321.232



81, 17.882, 11.232



81, 17.882, 141.232



81, 17.882, 191.232

Sweetspot

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



81, 17.880, 321.232



97, 6.087, 320.778



80, 13.193, 284.808



52, 4.328, 320.820



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, 17.880, 321.232



90, 24.558, 321.379



81, 14.583, 337.305



44, 7.820, 321.057



37, 88.428, 322.958



6, 35.668, 323.555

Inverse Universe

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



81, 11.059, 9.243



89, 15.299, 9.577



86, 14.467, 155.424



44, 4.797, 8.865



37, 73.159, 33.520



6, 25.306, 15.114

Previews

White Background



This preview shows how the CIELCh color 81, 17.882, 321.232 looks on a white background.

Color Contrast Check

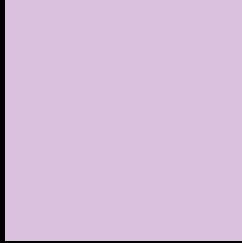
Large Text (above 18pt) WCAG AA × Fail

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, 17.882, 321.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

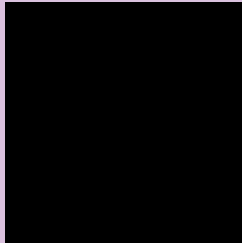
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 17.882, 321.232

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.882, 321.232.



This preview shows how white text looks on a background with the CIELCh color 81, 17.882, 321.232.

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, 11.467, 332.492

Trichromacy



Original Color
81, 17.882, 321.232

Protanomaly
81, 14.611, 301.043

Deuteranomaly
81, 15.938, 316.351

Tritanomaly
81, 13.965, 327.466

Monochromacy



Original Color
81, 17.882, 321.232

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.721, 319.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.882, 321.232 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(218, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(218, 193, 222)  
}
```

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(218, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 193, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.882, 321.232 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(218, 193, 222) }
```

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

```
.border{ border-color:rgb(218, 193, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 193, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(218, 193,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.882, 321.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 193, 222) }
```

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

```
.background{ background-color: rgb(218,  
193, 222) }
```

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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