

Converting Colors

CIELCh(81, 17.345, 322.648)

Have a look what the booklet for
CIELCh(81, 17.345, 322.648)
contains.

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Color

CIELCh(81, 17.614, 323.133)

Conversions

Conversions Part 1

Format	Color
Hex	DBC1DD
RGB	219, 193, 221
RGB Percent	86%, 76%, 87%
CMY	0.1409, 0.2428, 0.1330
CMYK	0.01, 0.13, 0.00, 0.13
HSL	296°, 29%, 81%
HSV	296°, 13%, 87%
XYZ	61.3858, 58.4711, 76.5124
YIQ	203.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

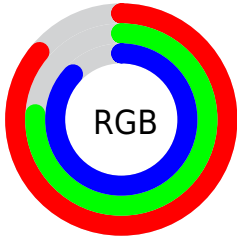
Format	Color
R_{YB}	219, 193, 221
Decimal	14402013
CIE _{Lab}	81.00, 14.09, -10.57
CIE _{LCh}	81, 17.614, 323.133
Yxy	58.4711, 0.3126, 0.2978
Android (android.graphics.Color)	4292592093 (0xFFDBC1DD)
YUV	203.9660, 8.3978, 13.1848
Hunter-Lab	76.4664, 9.4804, -5.7992

Details

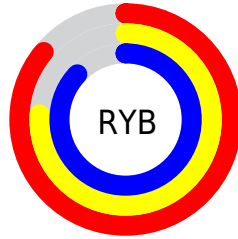
The CIELCh color $81, 17.614, 323.133$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 17.561, 141.828$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 324.451$, and $61, 17.933, 323.226$ is the 20% darker color. If you saturate the color by 10%, you get $76, 31.643, 323.641$, and if you desaturate by 10%, it is $87, 3.683, 322.574$.

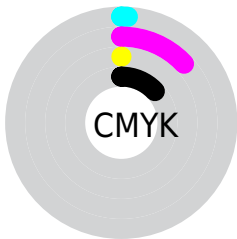
Distribution



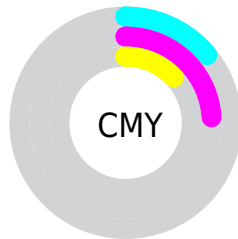
- Red (86%)
- Green (76%)
- Blue (87%)



- Red (86%)
- Yellow (76%)
- Blue (87%)



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





- Cyan (14%)
- Magenta (24%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 17.614, 323.133 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, 17.614, 323.133 by changing the saturation by 10% instead.


 81, 17.614,
323.133


 81, 17.614,
323.133


 100, 17.614,
323.133


 71, 17.614,
323.133


 61, 17.614,
323.133

 51, 17.614,
323.133

 41, 17.614,
323.133

 31, 17.614,
323.133

 21, 17.614,
323.133

 11, 17.614,

323.133

■ 1, 17.614, 323.133

■ 0, 17.614, 323.133

■ 81, 17.614,
323.133

■ 81, 17.614,
323.133

■ 76, 31.643,
323.641

■ 87, 3.683, 322.574

■ 70, 45.553,
324.131

■ 92, 9.999, 142.178

■ 66, 59.020,
324.585

■ 97, 20.656,
141.534

■ 61, 71.607,
324.982

■ 97, 20.350,
140.261

■ 57, 82.779,

■ 97, 20.054,
138.945

325.299

97, 19.769,
137.584

54, 91.962,
325.508

97, 19.495,
136.179

52, 98.664,
325.589

98, 19.233,
134.729

50, 102.654,
325.529

98, 18.983,
133.234

50, 104.199,
325.412

Harmonies

Complementary

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



81, 17.614, 323.133



86, 17.561, 141.828

Rectangle

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



81, 17.614, 323.133



81, 17.614, 13.133



81, 17.614, 143.133



81, 17.614, 193.133

Sweetspot

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



81, 17.612, 323.133



97, 6.211, 322.667



79, 13.711, 288.030



52, 4.416, 322.712



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, 17.612, 323.133



91, 23.452, 323.259



81, 13.446, 340.379



43, 7.827, 322.965



39, 86.911, 325.457



6, 34.284, 325.714

Inverse Universe

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



80, 10.565, 14.466



90, 14.170, 14.708



86, 13.299, 158.443



43, 4.652, 14.157



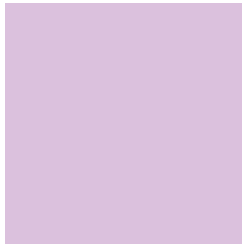
36, 75.303, 37.000



5, 23.749, 17.187

Previews

White Background



This preview shows how the CIELCh color 81, 17.614, 323.133 looks on a white background.

Color Contrast Check

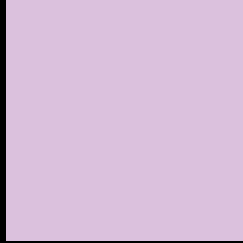
Large Text (above 18pt) WCAG AA × Fail

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, 17.614, 323.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

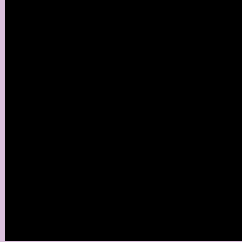
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 17.614, 323.133

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.614, 323.133.



This preview shows how white text looks on a background with the CIELCh color 81, 17.614, 323.133.

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, 11.340, 335.705

Trichromacy



Original Color
81, 17.614, 323.133

Protanomaly
81, 14.764, 303.734

Deuteranomaly
81, 15.621, 318.379

Tritanomaly
81, 13.774, 330.036

Monochromacy



Original Color
81, 17.614, 323.133

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.264, 321.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.614, 323.133 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(219, 193, 221)` looks like.

```
.text, #text, p{  
    color:rgb(219, 193, 221)  
}
```

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(219, 193, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 193, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.614, 323.133 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(219, 193, 221) }
```

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

```
.border{ border-color:rgb(219, 193, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 193, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 193, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 193, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 193,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.614, 323.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 193, 221) }
```

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

```
.background{ background-color: rgb(219,  
193, 221) }
```

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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