

Converting Colors

CIELCh(83, 13.044, 331.054)

Have a look what the booklet for
CIELCh(83, 13.044, 331.054)
contains.

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Color

CIELCh(83, 13.072, 330.238)

Conversions

Conversions Part 1

Format	Color
Hex	DFC8DB
RGB	223, 200, 219
RGB Percent	87%, 78%, 86%
CMY	0.1252, 0.2154, 0.1409
CMYK	0.00, 0.10, 0.02, 0.13
HSL	310°, 26%, 83%
HSV	310°, 10%, 87%
XYZ	63.9241, 62.1629, 75.7014
YIQ	209.0430, 7.6090, 10.7850

Conversions

Conversions Part 2

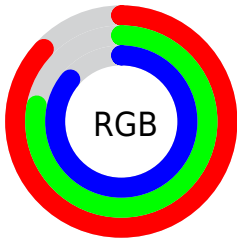
Format	Color
R _Y B	223, 200, 219
Decimal	14665947
CIE Lab	83.00, 11.35, -6.49
CIE LCh	83, 13.072, 330.238
Yxy	62.1629, 0.3168, 0.3081
Android (android.graphics.Color)	4292856027 (0xFFDFC8DB)
YUV	209.0430, 4.9088, 12.2403
Hunter-Lab	78.8435, 6.7467, -1.7367

Details

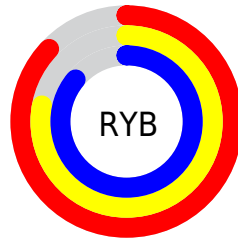
The CIELCh color **83, 13.072, 330.238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 13.033, 148.994**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 13.127, 330.674** is the 20% darker color. If you saturate the color by 10%, you get **78, 25.861, 330.881**, and if you desaturate by 10%, it is **89, 0.398, 328.832**.

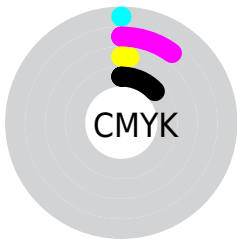
Distribution



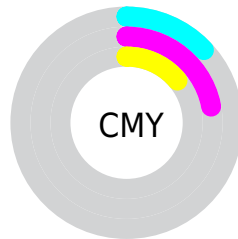
- Red (87%)
- Green (78%)
- Blue (86%)



- Red (87%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 13.072, 330.238 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 83, 13.072, 330.238 by changing the saturation by 10% instead.


 83, 13.072,
330.238


 83, 13.072,
330.238


 100, 13.072,
330.238


 73, 13.072,
330.238

 63, 13.072,
330.238

 53, 13.072,
330.238

 43, 13.072,
330.238

 33, 13.072,
330.238

 23, 13.072,
330.238

 13, 13.072,

330.238

■ 3, 13.072, 330.238

■ 0, 13.072, 330.238

■ 83, 13.072,
330.238

■ 83, 13.072,
330.238

■ 78, 25.861,
330.881

■ 89, 0.398, 328.832

■ 72, 38.568,
331.533

■ 94, 12.027,
149.097

■ 67, 50.890,
332.198

■ 97, 16.839,
151.099

■ 63, 62.415,
332.875

■ 97, 15.386,
155.930

■ 59, 72.624,

■ 97, 14.055,
161.694

333.566

97, 12.884,
168.558

56, 80.949,
334.280

98, 11.923,
176.633

53, 86.878,
335.034

98, 11.225,
185.894

52, 90.130,
335.855

98, 10.843,
196.077

51, 91.071,
336.734

Harmonies

Complementary

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



83, 13.072, 330.238



87, 13.033, 148.994

Rectangle

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



83, 13.072, 330.238



83, 13.072, 20.238



83, 13.072, 150.238



83, 13.072, 200.238

Sweetspot

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



83, 13.070, 330.239



98, 4.221, 329.732



82, 12.317, 297.495



52, 3.200, 329.799



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 13.070, 330.239



92, 16.974, 330.353



83, 9.391, 354.618



44, 7.229, 330.183



40, 76.434, 336.576



7, 31.938, 334.983

Inverse Universe

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



83, 13.070, 330.239



92, 16.974, 330.353



87, 9.146, 172.796



44, 7.229, 330.183



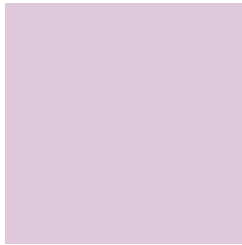
40, 76.434, 336.576



7, 31.938, 334.983

Previews

White Background



This preview shows how the CIELCh color 83, 13.072, 330.238 looks on a white background.

Color Contrast Check

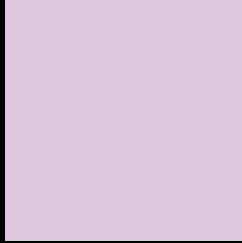
Large Text (above 18pt) WCAG AA × Fail

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 83, 13.072, 330.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

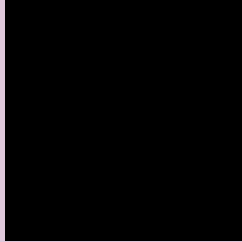
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 13.072, 330.238

Background



This preview shows how black text looks on a background with the CIELCh color 83, 13.072, 330.238.

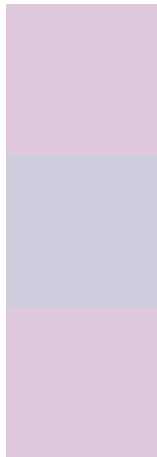


This preview shows how white text looks on a background with the CIELCh color 83, 13.072, 330.238.

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

83, 13.072, 330.238

Protanopia

83, 9.011, 293.199

Deuteranopia

83, 11.982, 327.769



Tritanopia
83, 11.280, 335.685

Trichromacy



Original Color
83, 13.072, 330.238

Protanomaly
83, 10.096, 309.419

Deuteranomaly
83, 12.203, 329.148

Tritanomaly
83, 11.651, 333.834

Monochromacy



Original Color
83, 13.072, 330.238

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 4.724, 328.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 13.072, 330.238 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(223, 200, 219)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 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(223, 200, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 13.072, 330.238 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(223, 200, 219) }
```

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

```
.border{ border-color:rgb(223, 200, 219) }
```

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

Here you see how a box with a 4 pixel rgb(223, 200, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 200, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 200, 219);  
box-shadow:4px 4px 4px 4px rgb(223, 200,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 13.072, 330.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 219) }
```

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

```
.background{ background-color: rgb(223,  
200, 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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