

Converting Colors

CIELCh(83, 4.817, 12.347)

Have a look what the booklet for
CIELCh(83, 4.817, 12.347) contains.

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Color

CIELCh(83, 4.813, 13.380)

Conversions

Conversions Part 1

Format	Color
Hex	D9CCCD
RGB	217, 204, 205
RGB Percent	85%, 80%, 80%
CMY	0.1501, 0.2010, 0.1971
CMYK	0.00, 0.06, 0.06, 0.15
HSL	355°, 15%, 82%
HSV	355°, 6%, 85%
XYZ	61.0504, 62.1629, 66.3686
YIQ	208.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

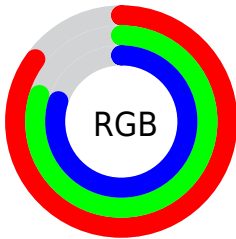
Format	Color
R _Y B	217, 204, 205
Decimal	14273741
CIE Lab	83.00, 4.68, 1.11
CIE LCh	83, 4.813, 13.380
Yxy	62.1629, 0.3220, 0.3279
Android (android.graphics.Color)	4292463821 (0xFFD9CCCD)
YUV	208.0010, -1.4795, 7.8921
Hunter-Lab	78.8435, 0.2407, 5.2815

Details

The CIELCh color **83, 4.813, 13.380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 4.657, 192.742**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 4.716, 12.988** is the 20% darker color. If you saturate the color by 10%, you get **77, 13.286, 14.380**, and if you desaturate by 10%, it is **89, 3.100, 192.964**.

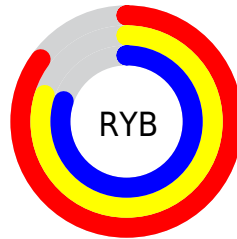
Distribution



Red (85%)

Green (80%)

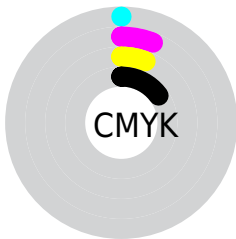
Blue (80%)



Red (85%)

Yellow (80%)

Blue (80%)

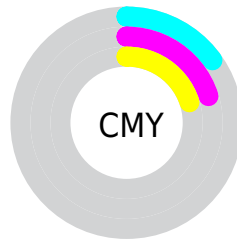


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (15%)



Cyan (15%)


Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.813, 13.380 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, 4.813, 13.380 by changing the saturation by 10% instead.

 83, 4.813, 13.380	 83, 4.813, 13.380
 100, 4.813, 13.380	 73, 4.813, 13.380
	 63, 4.813, 13.380
	 53, 4.813, 13.380
	 43, 4.813, 13.380
	 33, 4.813, 13.380
	 23, 4.813, 13.380
	 13, 4.813, 13.380
	 3, 4.813, 13.380
	 0, 4.813, 13.380

83, 4.813, 13.380

83, 4.813, 13.380

77, 13.286, 14.380

89, 3.100, 192.964

71, 22.322, 15.515

95, 10.477,
192.215

66, 31.867, 16.927

97, 12.858,
198.647

61, 41.791, 18.717

56, 51.874, 21.007

52, 61.808, 23.923

49, 71.245, 27.541

47, 79.827, 31.751

46, 86.986, 36.012

Harmonies

Complementary

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



83, 4.813, 13.380



86, 4.657, 192.742

Rectangle

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



83, 4.813, 13.380



83, 4.813, 63.380



83, 4.813, 193.380



83, 4.813, 243.380

Sweetspot

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



83, 4.811, 13.401



99, 1.808, 12.850



83, 8.138, 322.446



53, 1.028, 12.823



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, 4.811, 13.401



95, 6.434, 13.508



84, 3.965, 65.148



43, 3.629, 13.553



35, 74.229, 36.721



5, 21.964, 16.348

Inverse Universe

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



83, 4.811, 13.401



95, 6.434, 13.508



84, 3.888, 246.686



43, 3.629, 13.553



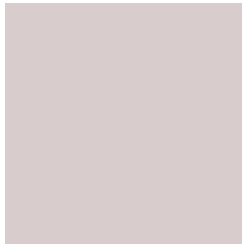
35, 74.229, 36.721



5, 21.964, 16.348

Previews

White Background



This preview shows how the CIELCh color 83, 4.813, 13.380 looks on a white background.

Color Contrast Check

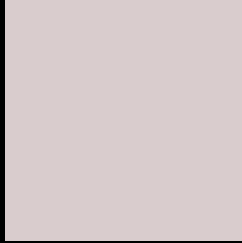
Large Text (above 18pt) WCAG AA × Fail

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, 4.813, 13.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

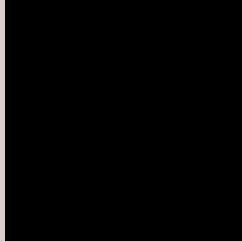
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

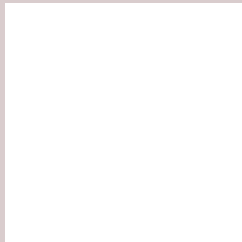
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.813, 13.380

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.813, 13.380.

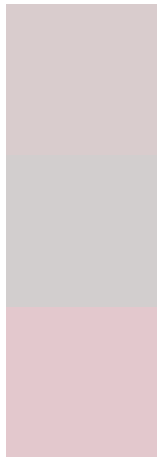


This preview shows how white text looks on a background with the CIELCh color 83, 4.813, 13.380.

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

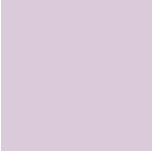
83, 4.813, 13.380

Protanopia

83, 1.460, 19.128

Deuteranopia

83, 10.350, 5.463



Tritanopia
83, 10.489, 326.469

Trichromacy



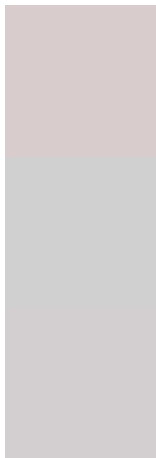
Original Color
83, 4.813, 13.380

Protanomaly
83, 2.619, 7.775

Deuteranomaly
83, 8.405, 5.500

Tritanomaly
83, 7.622, 336.099

Monochromacy



Original Color
83, 4.813, 13.380

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.906, 3.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.813, 13.380 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(217, 204, 205)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 205)  
}
```

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(217, 204, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.813, 13.380 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(217, 204, 205) }
```

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

```
.border{ border-color:rgb(217, 204, 205) }
```

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

Here you see how a box with a 4 pixel rgb(217, 204, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 205);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.813, 13.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 205) }
```

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

```
.background{ background-color: rgb(217,  
204, 205) }
```

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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