

Converting Colors

CIELCh(83, 4.181, 169.483)

Have a look what the booklet for
CIELCh(83, 4.181, 169.483) contains.

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Color

CIELCh(83, 4.207, 169.103)

Conversions

Conversions Part 1

Format	Color
Hex	C7D1CD
RGB	199, 209, 205
RGB Percent	78%, 82%, 80%
CMY	0.2195, 0.1803, 0.1960
CMYK	0.05, 0.00, 0.02, 0.18
HSL	156°, 10%, 80%
HSV	156°, 5%, 82%
XYZ	57.3846, 62.1629, 66.7432
YIQ	205.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

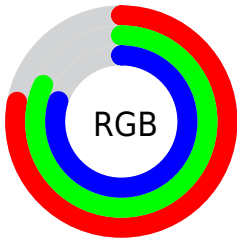
Format	Color
RYB	199, 205, 209
Decimal	13095373
CIELab	83.00, -4.13, 0.80
CIElCh	83, 4.207, 169.103
Yxy	62.1629, 0.3080, 0.3337
Android (android.graphics.Color)	4291285453 (0xFFC7D1CD)
YUV	205.5540, -0.2731, -5.7479
Hunter-Lab	78.8435, -8.0586, 4.9998

Details

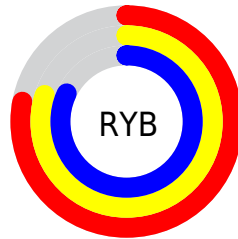
The CIELCh color **83, 4.207, 169.103** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 4.258, 349.718**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 4.448, 168.940** is the 20% darker color. If you saturate the color by 10%, you get **81, 12.977, 168.087**, and if you desaturate by 10%, it is **85, 4.597, 349.739**.

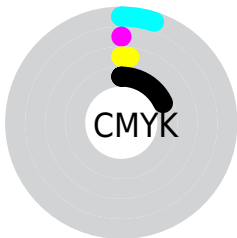
Distribution



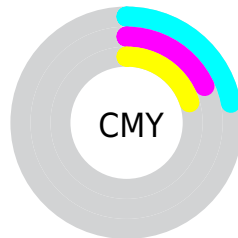
- Red (78%)
- Green (82%)
- Blue (80%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.207, 169.103 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, 4.207, 169.103 by changing the saturation by 10% instead.

■ 83, 4.207, 169.103

■ 83, 4.207, 169.103

■ 100, 4.207,
169.103

■ 73, 4.207, 169.103

■ 63, 4.207, 169.103

■ 53, 4.207, 169.103

■ 43, 4.207, 169.103

■ 33, 4.207, 169.103

■ 23, 4.207, 169.103

■ 13, 4.207, 169.103

■ 3, 4.207, 169.103

■ 0, 4.207, 169.103

83, 4.207, 169.103

83, 4.207, 169.103

81, 12.977,
168.087

85, 4.597, 349.739

80, 21.599,
167.055

87, 13.355,
350.600

79, 29.946,
165.925

88, 19.910,
347.568

77, 37.875,
164.670

88, 22.457,
338.130

76, 45.238,
163.265

89, 25.513,
330.862

76, 51.900,
161.685

89, 28.823,
325.428

75, 57.758,
159.906

75, 62.768,
157.916

■ 74, 66.964,
155.721

Harmonies

Complementary

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



83, 4.207, 169.103



81, 4.258, 349.718

Rectangle

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



83, 4.207, 169.103



83, 4.207, 219.103



83, 4.207, 349.103



83, 4.207, 39.103

Sweetspot

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



83, 4.209, 169.091



100, 1.028, 169.829



83, 5.704, 131.754



53, 0.584, 169.861



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, 4.209, 169.091



99, 6.202, 168.953



83, 3.307, 207.001



44, 3.495, 168.899



61, 58.266, 154.936



13, 20.300, 160.271

Inverse Universe

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



81, 4.258, 349.718



96, 6.285, 349.858



81, 3.409, 26.930



42, 3.545, 349.913



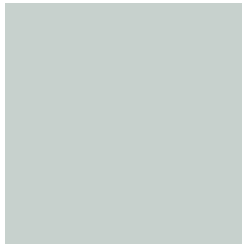
36, 62.082, 11.251



5, 20.997, 0.105

Previews

White Background



This preview shows how the CIELCh color 83, 4.207, 169.103 looks on a white background.

Color Contrast Check

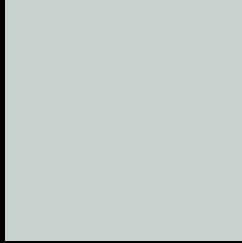
Large Text (above 18pt) WCAG AA × Fail

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, 4.207, 169.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

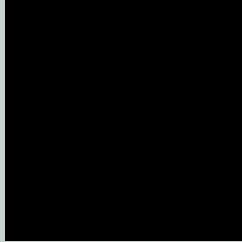
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

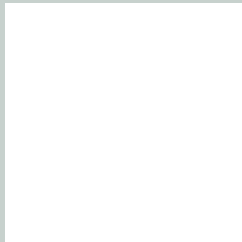
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.207, 169.103

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.207, 169.103.



This preview shows how white text looks on a background with the CIELCh color 83, 4.207, 169.103.

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, 4.207, 169.103

Protanopia
83, 2.406, 60.294

Deuteranopia
83, 10.288, 359.195



Tritanopia
83, 9.075, 282.107

Trichromacy



Original Color
83, 4.207, 169.103

Protanomaly
83, 1.573, 109.998

Deuteranomaly
83, 5.038, 1.387

Tritanomaly
83, 5.179, 266.387

Monochromacy



Original Color
83, 4.207, 169.103

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.544, 179.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.207, 169.103 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(199, 209, 205)` looks like.

```
.text, #text, p{  
    color:rgb(199, 209, 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(199, 209, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 209, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.207, 169.103 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(199, 209, 205) }
```

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

```
.border{ border-color:rgb(199, 209, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 209, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 209, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 209, 205);  
box-shadow:4px 4px 4px 4px rgb(199, 209,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.207, 169.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 209, 205) }
```

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

```
.background{ background-color: rgb(199,  
209, 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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