

Converting Colors

CIELCh(83, 5.859, 349.262)

Have a look what the booklet for
CIELCh(83, 5.859, 349.262) contains.

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Color

CIELCh(83, 6.039, 348.179)

Conversions

Conversions Part 1

Format	Color
Hex	D9CBD1
RGB	217, 203, 209
RGB Percent	85%, 80%, 82%
CMY	0.1485, 0.2033, 0.1798
CMYK	0.00, 0.06, 0.04, 0.15
HSL	334°, 16%, 82%
HSV	334°, 6%, 85%
XYZ	61.5735, 62.1629, 69.1673
YIQ	207.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

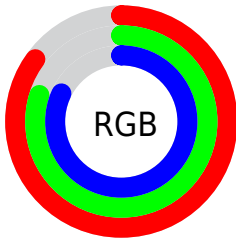
Format	Color
R _Y B	217, 203, 209
Decimal	14273489
CIE Lab	83.00, 5.91, -1.24
CIE LCh	83, 6.039, 348.179
Yxy	62.1629, 0.3192, 0.3222
Android (android.graphics.Color)	4292463569 (0xFFD9CBD1)
YUV	207.8700, 0.5571, 8.0070
Hunter-Lab	78.8435, 1.4249, 3.1769

Details

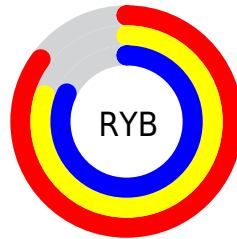
The CIELCh color **83, 6.039, 348.179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 5.961, 167.214**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 6.060, 346.393** is the 20% darker color. If you saturate the color by 10%, you get **77, 15.618, 349.194**, and if you desaturate by 10%, it is **89, 3.262, 167.547**.

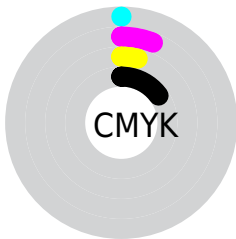
Distribution



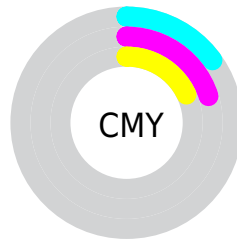
- Red (85%)
- Green (80%)
- Blue (82%)



- Red (85%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 6.039, 348.179 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, 6.039, 348.179 by changing the saturation by 10% instead.

■ 83, 6.039, 348.179

■ 83, 6.039, 348.179

■ 100, 6.039,
348.179

■ 73, 6.039, 348.179

■ 63, 6.039, 348.179

■ 53, 6.039, 348.179

■ 43, 6.039, 348.179

■ 33, 6.039, 348.179

■ 23, 6.039, 348.179

■ 13, 6.039, 348.179

■ 3, 6.039, 348.179

■ 0, 6.039, 348.179

83, 6.039, 348.179

83, 6.039, 348.179

77, 15.618,
349.194

89, 3.262, 167.547

72, 25.384,
350.294

95, 12.230,
166.669

66, 35.163,
351.556

97, 13.739,
179.824

62, 44.686,
353.040

97, 12.725,
198.656

57, 53.570,
354.830

53, 61.342,
357.042

50, 67.518,
359.830

48, 71.777, 3.371

■ 47, 74.187, 7.807

Harmonies

Complementary

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



83, 6.039, 348.179



86, 5.961, 167.214

Rectangle

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



83, 6.039, 348.179



83, 6.039, 38.179



83, 6.039, 168.179



83, 6.039, 218.179

Sweetspot

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



83, 6.037, 348.188



99, 2.123, 347.628



83, 7.974, 311.616



53, 1.207, 347.607



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, 6.037, 348.188



95, 8.555, 348.352



83, 4.841, 25.469



43, 5.382, 348.488



37, 63.271, 8.652



6, 24.471, 359.391

Inverse Universe

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



83, 6.037, 348.188



95, 8.555, 348.352



85, 4.646, 205.267



43, 5.382, 348.488



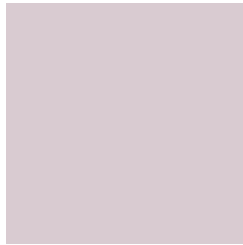
37, 63.271, 8.652



6, 24.471, 359.391

Previews

White Background



This preview shows how the CIELCh color 83, 6.039, 348.179 looks on a white background.

Color Contrast Check

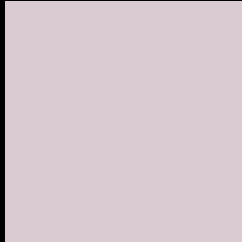
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 83, 6.039, 348.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

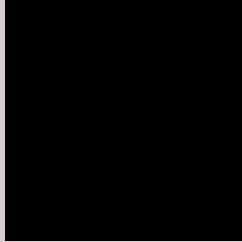
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 6.039, 348.179

Background



This preview shows how black text looks on a background with the CIELCh color 83, 6.039, 348.179.



This preview shows how white text looks on a background with the CIELCh color 83, 6.039, 348.179.

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, 6.039, 348.179

Protanopia

83, 2.876, 312.526

Deuteranopia

83, 10.598, 350.392



Tritanopia
83, 10.282, 324.817

Trichromacy



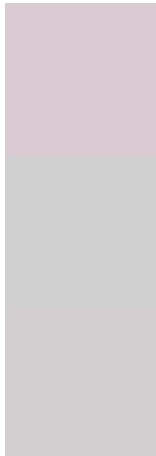
Original Color
83, 6.039, 348.179

Protanomaly
83, 3.691, 333.841

Deuteranomaly
83, 9.060, 348.481

Tritanomaly
83, 9.027, 330.510

Monochromacy



Original Color
83, 6.039, 348.179

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.118, 349.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 6.039, 348.179 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, 203, 209)` looks like.

```
.text, #text, p{  
    color:rgb(217, 203, 209)  
}
```

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, 203, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 203, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 6.039, 348.179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

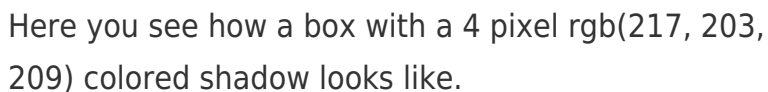
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 203, 209) }
```

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

```
.border{ border-color:rgb(217, 203, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 203, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 203, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 203, 209);  
box-shadow:4px 4px 4px 4px rgb(217, 203,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 6.039, 348.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 203, 209) }
```

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

```
.background{ background-color: rgb(217,  
203, 209) }
```

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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