

Converting Colors

CIELCh(83, 10.078, 344.487)

Have a look what the booklet for
CIELCh(83, 10.078, 344.487)
contains.

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Color

CIELCh(83, 9.937, 344.435)

Conversions

Conversions Part 1

Format	Color
Hex	DFC9D4
RGB	223, 201, 212
RGB Percent	87%, 79%, 83%
CMY	0.1258, 0.2120, 0.1689
CMYK	0.00, 0.10, 0.05, 0.13
HSL	330°, 26%, 83%
HSV	330°, 10%, 87%
XYZ	63.1501, 62.1629, 70.9067
YIQ	208.8320, 9.5810, 8.0850

Conversions

Conversions Part 2

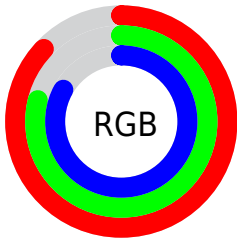
Format	Color
R _Y B	223, 201, 212
Decimal	14666196
CIE Lab	83.00, 9.57, -2.67
CIE LCh	83, 9.937, 344.435
Yxy	62.1629, 0.3218, 0.3168
Android (android.graphics.Color)	4292856276 (0xFFDFC9D4)
YUV	208.8320, 1.5618, 12.4253
Hunter-Lab	78.8435, 4.9945, 1.8689

Details

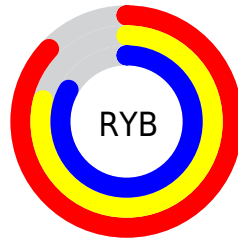
The CIELCh color $83, 9.937, 344.435$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 9.804, 162.871$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 9.873, 345.983$ is the 20% darker color. If you saturate the color by 10%, you get $77, 20.216, 345.391$, and if you desaturate by 10%, it is $89, 0.126, 167.143$.

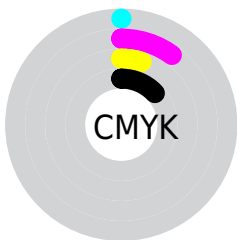
Distribution



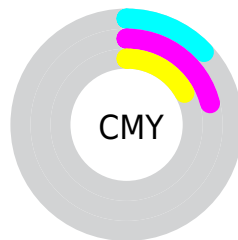
- Red (87%)
- Green (79%)
- Blue (83%)



- Red (87%)
- Yellow (79%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 9.937, 344.435 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, 9.937, 344.435 by changing the saturation by 10% instead.

 83, 9.937, 344.435

 83, 9.937, 344.435

 100, 9.937,
344.435

 73, 9.937, 344.435

 63, 9.937, 344.435

 53, 9.937, 344.435

 43, 9.937, 344.435

 33, 9.937, 344.435

 23, 9.937, 344.435

 13, 9.937, 344.435

 3, 9.937, 344.435

 0, 9.937, 344.435

83, 9.937, 344.435

83, 9.937, 344.435

77, 20.216,
345.391

89, 0.126, 167.143

72, 30.580,
346.441

95, 9.888, 162.928

67, 40.798,
347.637

98, 12.166,
174.804

62, 50.532,
349.029

98, 10.852,
198.782

57, 59.329,
350.694

54, 66.659,
352.738

51, 72.026,
355.302

49, 75.167,
358.550

Harmonies

Complementary

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



83, 9.937, 344.435



87, 9.804, 162.871

Rectangle

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



83, 9.937, 344.435



83, 9.937, 34.435



83, 9.937, 164.435



83, 9.937, 214.435

Sweetspot

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



83, 9.935, 344.439



98, 3.343, 343.756



82, 12.346, 309.502



52, 2.536, 343.853



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, 9.935, 344.439



92, 13.511, 344.646



83, 8.185, 19.966



44, 5.746, 344.401



38, 64.176, 1.840



6, 26.430, 354.739

Inverse Universe

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



83, 9.935, 344.439



92, 13.511, 344.646



87, 7.689, 198.945



44, 5.746, 344.401



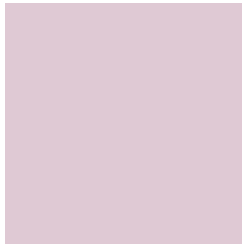
38, 64.176, 1.840



6, 26.430, 354.739

Previews

White Background



This preview shows how the CIELCh color 83, 9.937, 344.435 looks on a white background.

Color Contrast Check

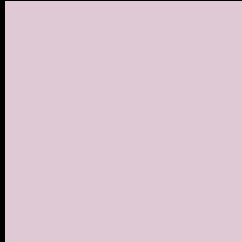
Large Text (above 18pt) WCAG AA × Fail

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, 9.937, 344.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

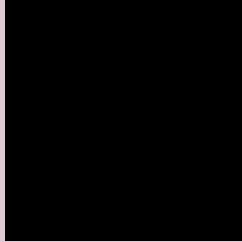
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 9.937, 344.435

Background



This preview shows how black text looks on a background with the CIELCh color 83, 9.937, 344.435.



This preview shows how white text looks on a background with the CIELCh color 83, 9.937, 344.435.

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
83, 12.171, 336.396

Trichromacy



Original Color
83, 9.937, 344.435

Protanomaly
83, 6.241, 321.901

Deuteranomaly
83, 10.843, 344.514

Tritanomaly
83, 11.817, 338.248

Monochromacy



Original Color
83, 9.937, 344.435

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 3.616, 343.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 9.937, 344.435 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, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(223, 201, 212)  
}
```

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, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 201, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 9.937, 344.435 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, 201, 212) }
```

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

```
.border{ border-color:rgb(223, 201, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 201, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 201, 212);  
box-shadow:4px 4px 4px 4px rgb(223, 201,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 9.937, 344.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 201, 212) }
```

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

```
.background{ background-color: rgb(223,  
201, 212) }
```

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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