

Converting Colors

CIELCh(83, 30.615, 337.231)

Have a look what the booklet for
CIELCh(83, 30.615, 337.231)
contains.

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Color

CIElCh(83, 30.639, 337.239)

Conversions

Conversions Part 1

Format	Color
Hex	FABDE6
RGB	250, 189, 230
RGB Percent	98%, 74%, 90%
CMY	0.0212, 0.2604, 0.0996
CMYK	0.00, 0.24, 0.08, 0.02
HSL	320°, 85%, 86%
HSV	320°, 24%, 98%
XYZ	71.6139, 62.1629, 82.7884
YIQ	211.9130, 23.1950, 25.6830

Conversions

Conversions Part 2

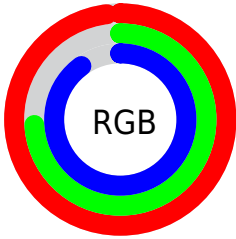
Format	Color
R _Y B	250, 189, 230
Decimal	16432614
CIE Lab	83.00, 28.25, -11.85
CIE LCh	83, 30.639, 337.239
Yxy	62.1629, 0.3307, 0.2870
Android (android.graphics.Color)	4294622694 (0xFF FABDE6)
YUV	211.9130, 8.9169, 33.4023
Hunter-Lab	78.8435, 24.1562, -7.0661

Details

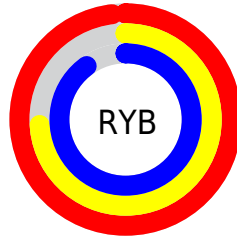
The CIELCh color **83, 30.639, 337.239** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **93, 30.286, 153.479**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **63, 30.594, 337.658** is the 20% darker color. If you saturate the color by 10%, you get **77, 43.114, 338.087**, and if you desaturate by 10%, it is **89, 18.015, 336.449**.

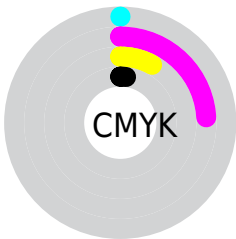
Distribution



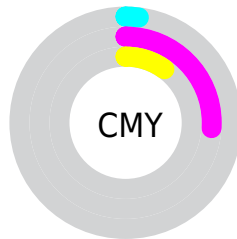
- Red (98%)
- Green (74%)
- Blue (90%)



- Red (98%)
- Yellow (74%)
- Blue (90%)



- Cyan (0%)
- Magenta (24%)
- Yellow (8%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 30.639, 337.239 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, 30.639, 337.239 by changing the saturation by 10% instead.


 83, 30.639,
337.239


 83, 30.639,
337.239


 100, 30.639,
337.239


 73, 30.639,
337.239

 63, 30.639,
337.239

 53, 30.639,
337.239

 43, 30.639,
337.239

 33, 30.639,
337.239

 23, 30.639,
337.239

 13, 30.639,

337.239

■ 3, 30.639, 337.239

■ 0, 30.639, 337.239

■ 83, 30.639,
337.239

■ 83, 30.639,
337.239

■ 77, 43.114,
338.087

■ 89, 18.015,
336.449

■ 72, 55.096,
339.010

■ 95, 5.488, 335.668

■ 67, 66.097,
340.034

■ 100, 1.935,
186.614

■ 63, 75.523,
341.196

■ 100, 1.879,
199.639

■ 59, 82.743,

342.555

■ 57, 87.262,
344.189

■ 56, 88.933,
346.192

■ 55, 88.959,
347.465

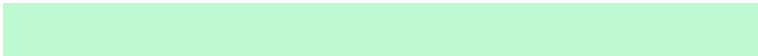
Harmonies

Complementary

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



83, 30.639, 337.239



93, 30.286, 153.479

Rectangle

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



83, 30.639, 337.239



83, 30.639, 27.239



83, 30.639, 157.239



83, 30.639, 207.239

Sweetspot

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



83, 30.636, 337.240



95, 8.841, 335.879



80, 33.305, 303.997



50, 5.748, 335.926



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, 30.636, 337.240



82, 37.013, 337.622



82, 23.714, 7.113



49, 7.077, 336.071



42, 72.340, 347.026



10, 33.586, 343.934

Inverse Universe

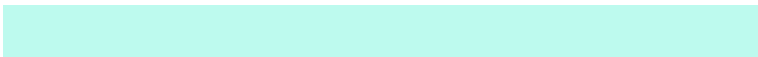
The Inverse Universe completely reimagines the original color for something new.



83, 30.636, 337.240



82, 37.013, 337.622



94, 21.324, 182.325



49, 7.077, 336.071



42, 72.340, 347.026



10, 33.586, 343.934

Previews

White Background



This preview shows how the CIELCh color 83, 30.639, 337.239 looks on a white background.

Color Contrast Check

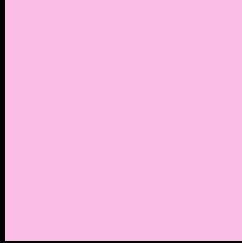
Large Text (above 18pt) WCAG AA × Fail

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, 30.639, 337.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

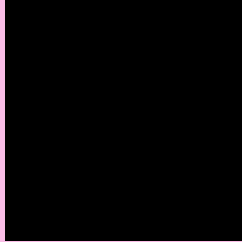
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 30.639, 337.239

Background



This preview shows how black text looks on a background with the CIELCh color 83, 30.639, 337.239.

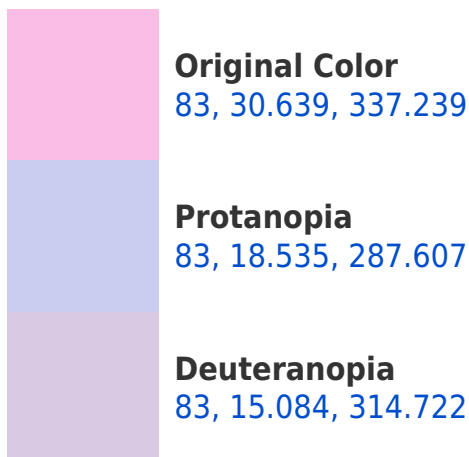


This preview shows how white text looks on a background with the CIELCh color 83, 30.639, 337.239.

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



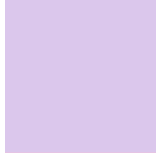


Tritanopia
83, 21.918, 0.216

Trichromacy



Original Color
83, 30.639, 337.239



Protanomaly
83, 20.883, 311.165



Deuteranomaly
83, 20.660, 326.048

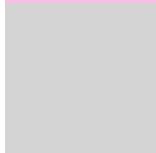


Tritanomaly
83, 24.397, 350.371

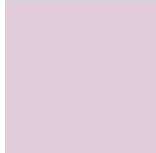
Monochromacy



Original Color
83, 30.639, 337.239



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 11.520, 336.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 30.639, 337.239 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(250, 189, 230)` looks like.

```
.text, #text, p{  
    color:rgb(250, 189, 230)  
}
```

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(250, 189, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 189, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 30.639, 337.239 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(250, 189, 230) }
```

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

```
.border{ border-color:rgb(250, 189, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 189, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 189, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 189, 230);  
box-shadow:4px 4px 4px 4px rgb(250, 189,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 30.639, 337.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 189, 230) }
```

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

```
.background{ background-color: rgb(250,  
189, 230) }
```

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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