

Converting Colors

CIELCh(83, 30.058, 339.779)

Have a look what the booklet for
CIELCh(83, 30.058, 339.779)
contains.

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Color

CIELCh(83, 29.890, 340.001)

Conversions

Conversions Part 1

Format	Color
Hex	FBBDE3
RGB	251, 189, 227
RGB Percent	98%, 74%, 89%
CMY	0.0174, 0.2605, 0.1115
CMYK	0.00, 0.25, 0.10, 0.02
HSL	323°, 87%, 86%
HSV	323°, 25%, 98%
XYZ	71.5358, 62.1629, 80.5885
YIQ	211.8700, 24.7540, 24.9620

Conversions

Conversions Part 2

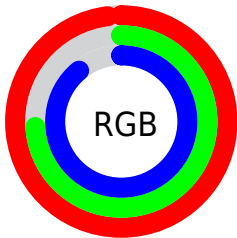
Format	Color
R _Y B	251, 189, 227
Decimal	16498147
CIE Lab	83.00, 28.09, -10.22
CIE LCh	83, 29.890, 340.001
Yxy	62.1629, 0.3338, 0.2901
Android (android.graphics.Color)	4294688227 (0xFFFBBDE3)
YUV	211.8700, 7.4591, 34.3170
Hunter-Lab	78.8435, 23.9794, -5.4118

Details

The CIELCh color $83, 29.890, 340.001$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 29.388, 155.961$, 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 $63, 30.159, 339.793$ is the 20% darker color. If you saturate the color by 10%, you get $77, 41.955, 340.941$, and if you desaturate by 10%, it is $89, 17.706, 339.142$.

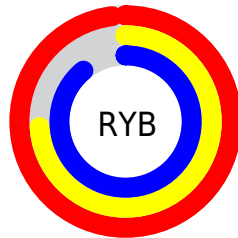
Distribution



Red (98%)

Green (74%)

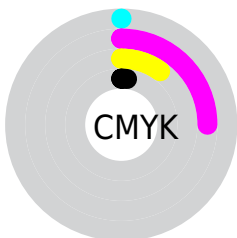
Blue (89%)



Red (98%)

Yellow (74%)

Blue (89%)

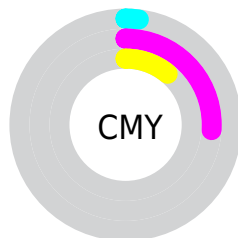


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (2%)



Cyan (2%)


Magenta (26%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 29.890, 340.001 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, 29.890, 340.001 by changing the saturation by 10% instead.


 83, 29.890,
340.001


 83, 29.890,
340.001


 100, 29.890,
340.001


 73, 29.890,
340.001

 63, 29.890,
340.001

 53, 29.890,
340.001

 43, 29.890,
340.001

 33, 29.890,
340.001

 23, 29.890,
340.001

 13, 29.890,

340.001

■ 3, 29.890, 340.001

■ 0, 29.890, 340.001

■ 83, 29.890,
340.001

■ 83, 29.890,
340.001

■ 77, 41.955,
340.941

■ 89, 17.706,
339.142

■ 72, 53.564,
341.986

■ 95, 5.638, 338.308

■ 67, 64.238,
343.175

■ 100, 1.543,
199.737

■ 63, 73.388,
344.565

■ 59, 80.389,

346.235

■ 57, 84.757,
348.294

■ 55, 86.377,
350.865

■ 55, 86.453,
352.413

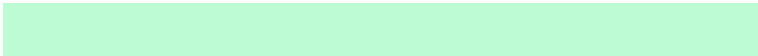
Harmonies

Complementary

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



83, 29.890, 340.001



94, 29.388, 155.961

Rectangle

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



83, 29.890, 340.001



83, 29.890, 30.001



83, 29.890, 160.001



83, 29.890, 210.001

Sweetspot

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



83, 29.887, 340.002



95, 8.475, 338.505



80, 34.121, 306.308



50, 5.510, 338.556



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, 29.887, 340.002



81, 36.796, 340.488



82, 23.857, 12.274



49, 6.786, 338.711



41, 70.084, 351.840



10, 32.531, 347.845

Inverse Universe

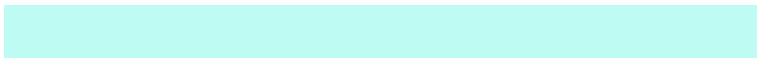
The Inverse Universe completely reimagines the original color for something new.



83, 29.887, 340.002



81, 36.796, 340.488



94, 20.960, 187.810



49, 6.786, 338.711



41, 70.084, 351.840



10, 32.531, 347.845

Previews

White Background



This preview shows how the CIELCh color 83, 29.890, 340.001 looks on a white background.

Color Contrast Check

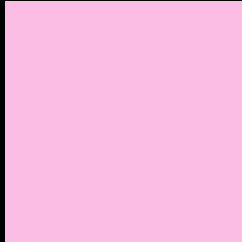
Large Text (above 18pt) WCAG AA × Fail

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, 29.890, 340.001 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, 29.890, 340.001

Background



This preview shows how black text looks on a background with the CIELCh color 83, 29.890, 340.001.



This preview shows how white text looks on a background with the CIELCh color 83, 29.890, 340.001.

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, 29.890, 340.001

Protanopia

83, 16.939, 288.194

Deuteranopia

83, 13.816, 318.721



Tritanopia
83, 22.272, 0.607

Trichromacy



Original Color
83, 29.890, 340.001



Protanomaly
83, 19.532, 313.681



Deuteranomaly
83, 19.625, 329.621

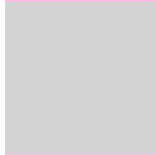


Tritanomaly
83, 24.483, 351.945

Monochromacy



Original Color
83, 29.890, 340.001



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 10.902, 337.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 29.890, 340.001 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(251, 189, 227)` looks like.

```
.text, #text, p{  
    color:rgb(251, 189, 227)  
}
```

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(251, 189, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 189, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 29.890, 340.001 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(251, 189, 227) }
```

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

```
.border{ border-color:rgb(251, 189, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 189, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 189, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 189, 227);  
box-shadow:4px 4px 4px 4px rgb(251, 189,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 29.890, 340.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 189, 227) }
```

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

```
.background{ background-color: rgb(251,  
189, 227) }
```

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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