

Converting Colors

CIELCh(83, 29.776, 348.033)

Have a look what the booklet for
CIELCh(83, 29.776, 348.033)
contains.

CIELCh(83, 29.882, 347.805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(83, 29.882, 347.805)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBDB
RGB	255, 187, 219
RGB Percent	100%, 73%, 86%
CMY	0.0000, 0.2652, 0.1397
CMYK	0.00, 0.27, 0.14, 0.00
HSL	332°, 100%, 87%
HSV	332°, 27%, 100%
XYZ	72.0656, 62.1629, 75.4751
YIQ	210.9800, 30.2560, 24.3680

Conversions

Conversions Part 2

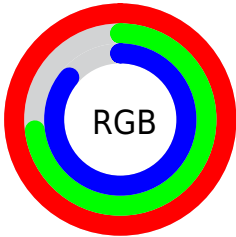
Format	Color
R _Y B	255, 187, 219
Decimal	16759771
CIE Lab	83.00, 29.21, -6.31
CIE LCh	83, 29.882, 347.805
Yxy	62.1629, 0.3437, 0.2964
Android (android.graphics.Color)	4294949851 (0xFFFFBBDB)
YUV	210.9800, 3.9539, 38.6055
Hunter-Lab	78.8435, 25.1790, -1.5666

Details

The CIELCh color **83, 29.882, 347.805** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 28.656, 162.640**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 6.851, 324.635**, and **63, 29.830, 347.613** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.103, 348.837**, and if you desaturate by 10%, it is **89, 18.378, 346.579**.

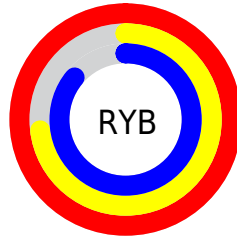
Distribution



Red (100%)

Green (73%)

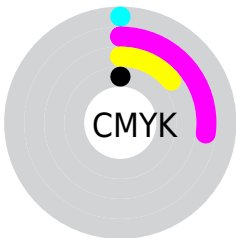
Blue (86%)



Red (100%)

Yellow (73%)

Blue (86%)

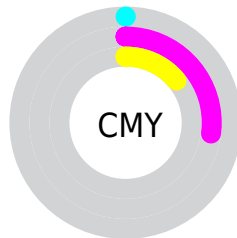


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 29.882, 347.805 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, 29.882, 347.805 by changing the saturation by 10% instead.


 83, 29.882,
347.805


 83, 29.882,
347.805


 100, 29.882,
347.805


 73, 29.882,
347.805

 63, 29.882,
347.805

 53, 29.882,
347.805

 43, 29.882,
347.805

 33, 29.882,
347.805

 23, 29.882,
347.805

 13, 29.882,

347.805

■ 3, 29.882, 347.805

■ 0, 29.882, 347.805

■ 83, 29.882,
347.805

■ 83, 29.882,
347.805

■ 77, 41.103,
348.837

■ 89, 18.378,
346.579

■ 71, 52.068,
350.239

■ 96, 7.165, 345.607

■ 66, 62.190,
351.915

100, 0.012,
296.813

■ 62, 70.897,
353.974

■ 59, 77.609,

356.561

■ 56, 81.947,
359.849

■ 55, 83.986, 3.992

■ 55, 84.439, 5.572

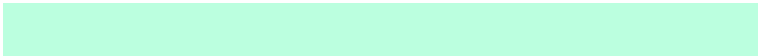
Harmonies

Complementary

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



83, 29.882, 347.805



95, 28.656, 162.640

Rectangle

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



83, 29.882, 347.805



83, 29.882, 37.805



83, 29.882, 167.805



83, 29.882, 217.805

Sweetspot

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



83, 29.762, 347.635



95, 8.806, 345.751



81, 37.967, 310.912



50, 6.271, 345.896



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, 29.762, 347.635



80, 35.999, 348.273



82, 25.800, 22.781



50, 6.271, 345.896



41, 68.043, 4.686



10, 31.642, 358.675

Inverse Universe

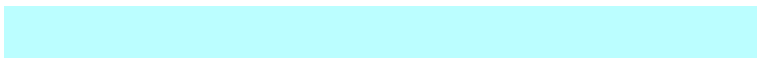
The Inverse Universe completely reimagines the original color for something new.



83, 29.762, 347.635



80, 35.999, 348.273



95, 21.493, 199.648



50, 6.271, 345.896



41, 68.043, 4.686



10, 31.642, 358.675

Previews

White Background



This preview shows how the CIELCh color 83, 29.882, 347.805 looks on a white background.

Color Contrast Check

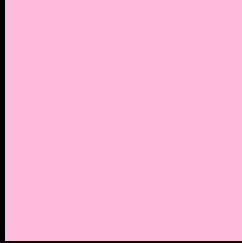
Large Text (above 18pt) WCAG AA × Fail

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, 29.882, 347.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

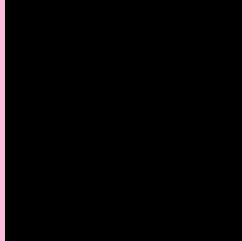
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 29.882, 347.805

Background



This preview shows how black text looks on a background with the CIELCh color 83, 29.882, 347.805.



This preview shows how white text looks on a background with the CIELCh color 83, 29.882, 347.805.

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, 29.882, 347.805

Protanopia

83, 13.755, 289.933

Deuteranopia

83, 11.406, 332.475

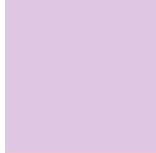


Tritanopia
83, 24.822, 3.081

Trichromacy



Original Color
83, 29.882, 347.805



Protanomaly
83, 17.161, 321.052



Deuteranomaly
83, 18.057, 340.905

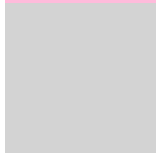


Tritanomaly
83, 26.451, 357.108

Monochromacy



Original Color
83, 29.882, 347.805



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 11.123, 345.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 29.882, 347.805 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(255, 187, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 219)  
}
```

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(255, 187, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 29.882, 347.805 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(255, 187, 219) }
```

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

```
.border{ border-color:rgb(255, 187, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 29.882, 347.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 219) }
```

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

```
.background{ background-color: rgb(255,  
187, 219) }
```

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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