

Converting Colors

CIELCh(83, 30.153, 346.090)

Have a look what the booklet for
CIELCh(83, 30.153, 346.090)
contains.

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Color

CIELCh(83, 30.413, 346.109)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBDD
RGB	255, 187, 221
RGB Percent	100%, 73%, 87%
CMY	0.0000, 0.2658, 0.1325
CMYK	0.00, 0.27, 0.13, 0.00
HSL	330°, 100%, 87%
HSV	330°, 27%, 100%
XYZ	72.2155, 62.1629, 76.7476
YIQ	211.2080, 29.6140, 24.9900

Conversions

Conversions Part 2

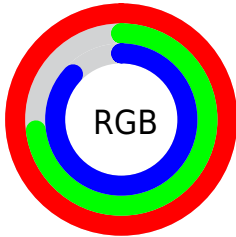
Format	Color
R_{YB}	255, 187, 221
Decimal	16759773
CIE _{Lab}	83.00, 29.52, -7.30
CIE _{LCh}	83, 30.413, 346.109
Yxy	62.1629, 0.3420, 0.2944
Android (android.graphics.Color)	4294949853 (0xFFFFBBDD)
YUV	211.2080, 4.8275, 38.4056
Hunter-Lab	78.8435, 25.5183, -2.5235

Details

The CIELCh color **83, 30.413, 346.109** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **95, 29.359, 161.123**, 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, 30.385, 345.816** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.832, 347.163**, and if you desaturate by 10%, it is **89, 18.783, 344.991**.

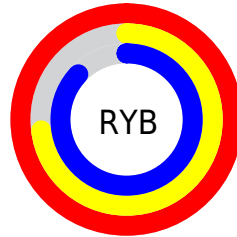
Distribution



Red (100%)

Green (73%)

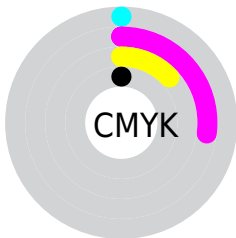
Blue (87%)



Red (100%)

Yellow (73%)

Blue (87%)

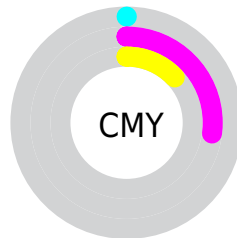


Cyan (0%)

Magenta (27%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 30.413, 346.109 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, 30.413, 346.109 by changing the saturation by 10% instead.


 83, 30.413,
346.109


 83, 30.413,
346.109


 100, 30.413,
346.109


 73, 30.413,
346.109

 63, 30.413,
346.109

 53, 30.413,
346.109

 43, 30.413,
346.109

 33, 30.413,
346.109

 23, 30.413,
346.109

 13, 30.413,

346.109

■ 3, 30.413, 346.109

■ 0, 30.413, 346.109

■ 83, 30.413,
346.109

■ 83, 30.413,
346.109

■ 77, 41.832,
347.163

■ 89, 18.783,
344.991

■ 71, 52.902,
348.496

■ 96, 7.371, 344.048

■ 67, 63.078,
350.079

100, 0.012,
296.813

■ 62, 71.775,
352.010

■ 59, 78.403,

354.423

■ 57, 82.566,
357.482

■ 55, 84.319, 1.341

■ 55, 84.646, 2.791

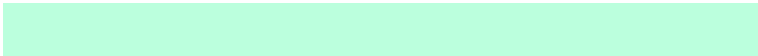
Harmonies

Complementary

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



83, 30.413, 346.109



95, 29.359, 161.123

Rectangle

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



83, 30.413, 346.109



83, 30.413, 36.109



83, 30.413, 166.109



83, 30.413, 216.109

Sweetspot

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



83, 30.345, 346.011



95, 8.974, 344.183



81, 37.849, 309.803



50, 6.389, 344.323



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, 30.345, 346.011



80, 36.596, 346.616



82, 26.214, 20.261



50, 6.389, 344.323



41, 68.264, 1.964



10, 31.884, 356.389

Inverse Universe

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



83, 30.345, 346.011



80, 36.596, 346.616



96, 21.990, 196.537



50, 6.389, 344.323



41, 68.264, 1.964



10, 31.884, 356.389

Previews

White Background



This preview shows how the CIELCh color 83, 30.413, 346.109 looks on a white background.

Color Contrast Check

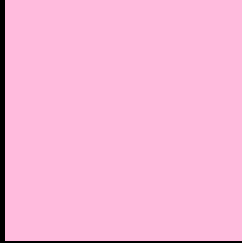
Large Text (above 18pt) WCAG AA × Fail

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, 30.413, 346.109 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, 30.413, 346.109

Background



This preview shows how black text looks on a background with the CIELCh color 83, 30.413, 346.109.



This preview shows how white text looks on a background with the CIELCh color 83, 30.413, 346.109.

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, 30.413, 346.109

Protanopia
83, 14.818, 288.809

Deuteranopia
83, 12.203, 329.148

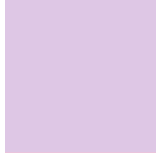


Tritanopia
83, 24.822, 3.081

Trichromacy



Original Color
83, 30.413, 346.109



Protanomaly
83, 17.913, 318.362



Deuteranomaly
83, 18.724, 338.394

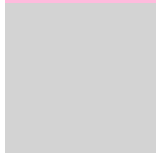


Tritanomaly
83, 26.633, 356.055

Monochromacy



Original Color
83, 30.413, 346.109



Achromatopsia
85, 0.010, 296.813



Achromatomaly
84, 11.422, 343.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 30.413, 346.109 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 30.413, 346.109 is called "border". The border property can be set on classes, ids or directly on the HTML element.

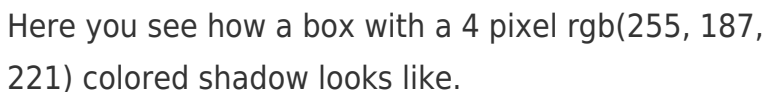
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 187, 221) }
```

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

```
.border{ border-color:rgb(255, 187, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 30.413, 346.109 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
187, 221) }
```

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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