

Converting Colors

CIELCh(84, 30.871, 341.221)

Have a look what the booklet for
CIELCh(84, 30.871, 341.221)
contains.

CIELCh(84, 30.982, 340.703)	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(84, 30.982, 340.703)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEE5
RGB	255, 190, 229
RGB Percent	100%, 75%, 90%
CMY	0.0000, 0.2531, 0.1001
CMYK	0.00, 0.25, 0.10, 0.00
HSL	324°, 100%, 87%
HSV	324°, 25%, 100%
XYZ	74.1452, 64.0658, 82.9364
YIQ	213.8810, 26.2210, 25.9090

Conversions

Conversions Part 2

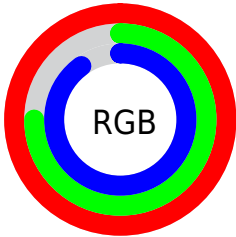
Format	Color
R _Y B	255, 190, 229
Decimal	16760549
CIE Lab	84.00, 29.24, -10.24
CIE LCh	84, 30.982, 340.703
Yxy	64.0658, 0.3353, 0.2897
Android (android.graphics.Color)	4294950629 (0xFFFFBEE5)
YUV	213.8810, 7.4537, 36.0614
Hunter-Lab	80.0411, 25.2796, -5.4059

Details

The CIELCh color `84, 30.982, 340.703` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `95, 30.296, 156.278`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `98, 4.981, 324.553`, and `64, 31.274, 340.570` is the 20% darker color. If you saturate the color by 10%, you get `78, 43.012, 341.425`, and if you desaturate by 10%, it is `90, 18.557, 339.590`.

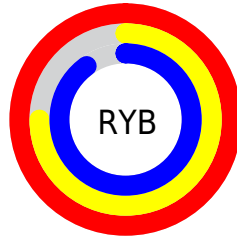
Distribution



Red (100%)

Green (75%)

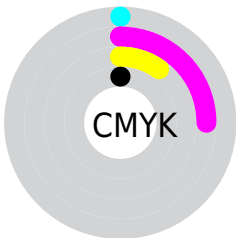
Blue (90%)



Red (100%)

Yellow (75%)

Blue (90%)

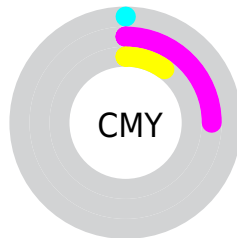


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 30.982, 340.703 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 84, 30.982, 340.703 by changing the saturation by 10% instead.


 84, 30.982,
340.703


 84, 30.982,
340.703


 100, 30.982,
340.703


 74, 30.982,
340.703

 64, 30.982,
340.703

 54, 30.982,
340.703

 44, 30.982,
340.703

 34, 30.982,
340.703

 24, 30.982,
340.703

 14, 30.982,

340.703

■ 4, 30.982, 340.703

■ 0, 30.982, 340.703

■ 84, 30.982,
340.703

■ 84, 30.982,
340.703

■ 78, 43.012,
341.425

■ 90, 18.557,
339.590

■ 73, 54.694,
342.496

■ 97, 6.375, 338.751

■ 68, 65.403,
343.722

100, 0.012,
296.813

■ 63, 74.537,
345.162

■ 60, 81.465,

346.902

■ 58, 85.714,
349.055

■ 56, 87.202,
351.750

■ 56, 87.264,
353.185

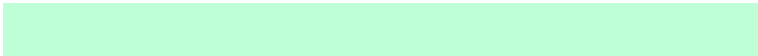
Harmonies

Complementary

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



84, 30.982, 340.703



95, 30.296, 156.278

Rectangle

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



84, 30.982, 340.703



84, 30.982, 30.703



84, 30.982, 160.703



84, 30.982, 210.703

Sweetspot

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



84, 30.848, 340.466



95, 9.637, 338.982



81, 35.445, 306.347



50, 6.859, 339.107



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 30.848, 340.466



81, 36.593, 340.904



83, 24.803, 12.352



50, 6.859, 339.107



42, 70.501, 352.591



11, 33.223, 348.638

Inverse Universe

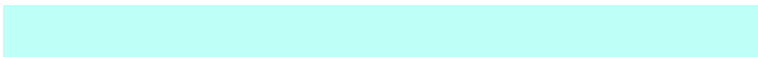
The Inverse Universe completely reimagines the original color for something new.



84, 30.848, 340.466



81, 36.593, 340.904



96, 21.717, 187.759



50, 6.859, 339.107



42, 70.501, 352.591



11, 33.223, 348.638

Previews

White Background



This preview shows how the CIELCh color 84, 30.982, 340.703 looks on a white background.

Color Contrast Check

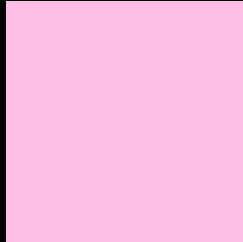
Large Text (above 18pt) WCAG AA × Fail

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 84, 30.982, 340.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

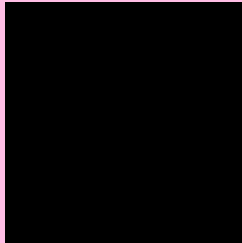
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 30.982, 340.703

Background



This preview shows how black text looks on a background with the CIELCh color 84, 30.982, 340.703.



This preview shows how white text looks on a background with the CIELCh color 84, 30.982, 340.703.

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


84, 30.982, 340.703

Protanopia

84, 17.435, 287.224

Deuteranopia

84, 13.780, 318.715



Tritanopia
84, 22.940, 1.332

Trichromacy



Original Color
84, 30.982, 340.703



Protanomaly
84, 19.967, 313.108



Deuteranomaly
84, 19.797, 330.454

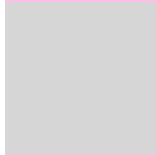


Tritanomaly
84, 25.088, 352.846

Monochromacy



Original Color
84, 30.982, 340.703



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 11.766, 338.230

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 30.982, 340.703 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, 190, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 229)  
}
```

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, 190, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 30.982, 340.703 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, 190, 229) }
```

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

```
.border{ border-color:rgb(255, 190, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 30.982, 340.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 229) }
```

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

```
.background{ background-color: rgb(255,  
190, 229) }
```

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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