

Converting Colors

CIELCh(84, 36.862, 329.864)

Have a look what the booklet for
CIELCh(84, 36.862, 329.864)
contains.

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Color

CIELCh(84, 37.117, 330.019)

Conversions

Conversions Part 1

Format	Color
Hex	FEBDF5
RGB	254, 189, 245
RGB Percent	100%, 74%, 96%
CMY	0.0039, 0.2588, 0.0392
CMYK	0.00, 0.26, 0.04, 0.00
HSL	308°, 97%, 87%
HSV	308°, 26%, 100%
XYZ	75.5599, 64.0658, 94.7782
YIQ	214.8190, 20.7640, 31.1960

Conversions

Conversions Part 2

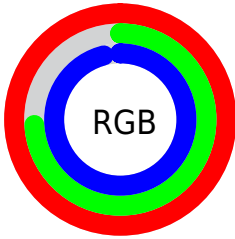
Format	Color
RYB	254, 189, 245
Decimal	16694773
CIELab	84.00, 32.15, -18.55
CIElCh	84, 37.117, 330.019
Yxy	64.0658, 0.3223, 0.2733
Android (android.graphics.Color)	4294884853 (0xFFFE8DF5)
YUV	214.8190, 14.8792, 34.3617
Hunter-Lab	80.0411, 28.4346, -14.1777

Details

The CIELCh color **84, 37.117, 330.019** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 37.030, 146.636**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **64, 37.318, 330.042** is the 20% darker color. If you saturate the color by 10%, you get **78, 51.377, 330.649**, and if you desaturate by 10%, it is **90, 22.573, 329.394**.

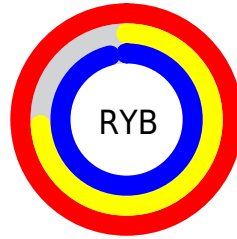
Distribution



Red (100%)

Green (74%)

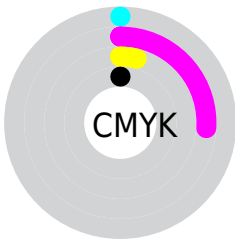
Blue (96%)



Red (100%)

Yellow (74%)

Blue (96%)

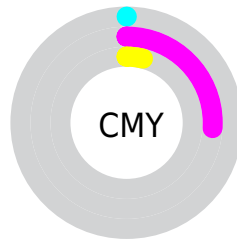


Cyan (0%)

Magenta (26%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 37.117, 330.019 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, 37.117, 330.019 by changing the saturation by 10% instead.


 84, 37.117,
330.019


 84, 37.117,
330.019


 100, 37.117,
330.019


 74, 37.117,
330.019

 64, 37.117,
330.019

 54, 37.117,
330.019

 44, 37.117,
330.019

 34, 37.117,
330.019

 24, 37.117,
330.019

 14, 37.117,

330.019

■ 4, 37.117, 330.019

■ 0, 37.117, 330.019

■ 84, 37.117,
330.019

■ 84, 37.117,
330.019

■ 78, 51.377,
330.649

■ 90, 22.573,
329.394

■ 73, 64.946,
331.278

■ 96, 8.046, 328.760

■ 69, 77.281,
331.904

100, 0.343,
201.316

■ 65, 87.753,
332.526

■ 62, 95.746,

333.150

■ 60, 100.818,
333.791

■ 59, 102.906,
334.471

■ 58, 103.174,
334.785

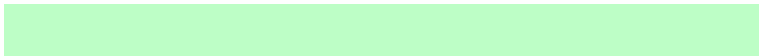
Harmonies

Complementary

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



84, 37.117, 330.019



94, 37.030, 146.636

Rectangle

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



84, 37.117, 330.019



84, 37.117, 20.019



84, 37.117, 150.019



84, 37.117, 200.019

Sweetspot

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



84, 37.114, 330.019



95, 11.573, 328.918



79, 34.937, 297.786



50, 8.233, 329.014



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, 37.114, 330.019



81, 45.033, 330.360



83, 26.989, 354.165



50, 8.233, 329.014



44, 83.500, 334.657



12, 38.914, 333.778

Inverse Universe

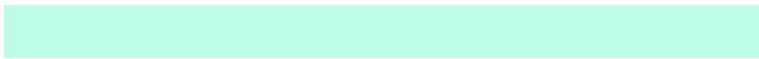
The Inverse Universe completely reimagines the original color for something new.



84, 37.114, 330.019



81, 45.033, 330.360



95, 25.454, 169.019



50, 8.233, 329.014



44, 83.500, 334.657



12, 38.914, 333.778

Previews

White Background



This preview shows how the CIELCh color 84, 37.117, 330.019 looks on a white background.

Color Contrast Check

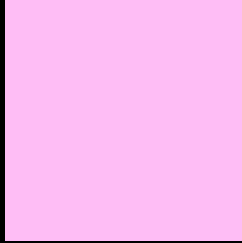
Large Text (above 18pt) WCAG AA × Fail

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, 37.117, 330.019 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, 37.117, 330.019

Background



This preview shows how black text looks on a background with the CIELCh color 84, 37.117, 330.019.



This preview shows how white text looks on a background with the CIELCh color 84, 37.117, 330.019.

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, 37.117, 330.019

Protanopia
84, 24.885, 285.524

Deuteranopia
84, 19.894, 301.684



Tritanopia
84, 21.506, 359.783

Trichromacy



Original Color
84, 37.117, 330.019



Protanomaly
84, 27.222, 305.188



Deuteranomaly
84, 25.549, 315.920

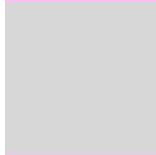


Tritanomaly
84, 26.244, 344.774

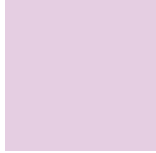
Monochromacy



Original Color
84, 37.117, 330.019



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 13.408, 328.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 37.117, 330.019 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(254, 189, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 245)  
}
```

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(254, 189, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 37.117, 330.019 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(254, 189, 245) }
```

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

```
.border{ border-color:rgb(254, 189, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 189, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 37.117, 330.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 189, 245) }
```

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

```
.background{ background-color: rgb(254,  
189, 245) }
```

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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