

Converting Colors

CIELCh(84, 33.811, 326.441)

Have a look what the booklet for
CIELCh(84, 33.811, 326.441)
contains.

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Color

CIELCh(84, 33.865, 326.669)

Conversions

Conversions Part 1

Format	Color
Hex	F7C0F5
RGB	247, 192, 245
RGB Percent	97%, 75%, 96%
CMY	0.0314, 0.2470, 0.0392
CMYK	0.00, 0.22, 0.01, 0.03
HSL	302°, 77%, 86%
HSV	302°, 22%, 97%
XYZ	73.6886, 64.0658, 94.8678
YIQ	214.4870, 15.7670, 28.1430

Conversions

Conversions Part 2

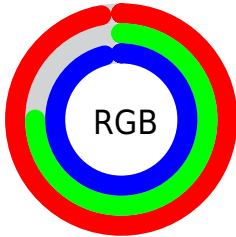
Format	Color
R _Y B	247, 192, 245
Decimal	16236789
CIE Lab	84.00, 28.29, -18.61
CIE LCh	84, 33.865, 326.669
Yxy	64.0658, 0.3168, 0.2754
Android (android.graphics.Color)	4294426869 (0xFFF7C0F5)
YUV	214.4870, 15.0429, 28.5139
Hunter-Lab	80.0411, 24.2613, -14.2440

Details

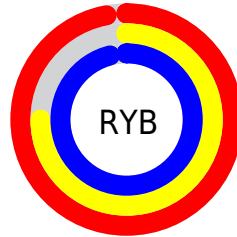
The CIELCh color **84, 33.865, 326.669** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92, 33.837, 143.943**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.736, 324.489**, and **64, 34.007, 326.445** is the 20% darker color. If you saturate the color by 10%, you get **78, 48.925, 327.225**, and if you desaturate by 10%, it is **90, 18.603, 326.099**.

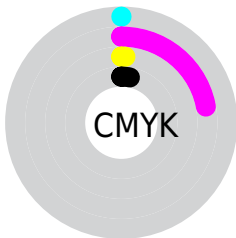
Distribution



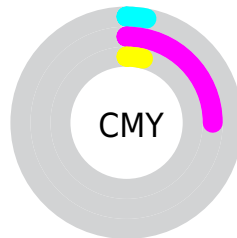
- Red (97%)
- Green (75%)
- Blue (96%)



- Red (97%)
- Yellow (75%)
- Blue (96%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (3%)



- Cyan (3%)
- Magenta (25%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 33.865, 326.669 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, 33.865, 326.669 by changing the saturation by 10% instead.

 84, 33.865,
326.669

 84, 33.865,
326.669

 100, 33.865,
326.669

 74, 33.865,
326.669

 64, 33.865,
326.669

 54, 33.865,
326.669

 44, 33.865,
326.669

 34, 33.865,
326.669

 24, 33.865,
326.669

 14, 33.865,

326.669

■ 4, 33.865, 326.669

■ 0, 33.865, 326.669

■ 84, 33.865,
326.669

■ 84, 33.865,
326.669

■ 78, 48.925,
327.225

■ 90, 18.603,
326.099

■ 73, 63.407,
327.757

■ 96, 3.419, 325.463

■ 99, 4.671, 146.767

■ 69, 76.804,
328.249

■ 99, 4.313, 150.391

■ 65, 88.521,
328.690

■ 99, 3.974, 154.645

■ 62, 97.949,

■ 99, 3.661, 159.653

329.066

99, 3.381, 165.536

60, 104.613,
329.372

99, 3.142, 172.392

58, 108.343,
329.610

99, 2.954, 180.240

58, 109.584,
329.761

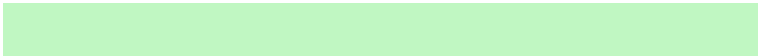
Harmonies

Complementary

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



84, 33.865, 326.669



92, 33.837, 143.943

Rectangle

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



84, 33.865, 326.669



84, 33.865, 16.669



84, 33.865, 146.669



84, 33.865, 196.669

Sweetspot

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



84, 33.862, 326.669



96, 10.863, 325.790



80, 29.407, 293.925



51, 7.061, 325.827



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, 33.862, 326.669



84, 42.112, 326.937



83, 24.175, 347.547



48, 8.545, 325.937



44, 88.663, 329.733



11, 39.570, 329.528

Inverse Universe

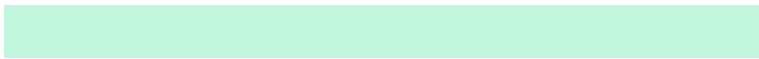
The Inverse Universe completely reimagines the original color for something new.



84, 33.862, 326.669



84, 42.112, 326.937



93, 23.394, 163.455



48, 8.545, 325.937



44, 88.663, 329.733



11, 39.570, 329.528

Previews

White Background



This preview shows how the CIELCh color 84, 33.865, 326.669 looks on a white background.

Color Contrast Check

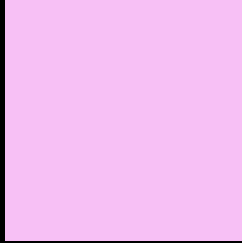
Large Text (above 18pt) WCAG AA × Fail

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, 33.865, 326.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

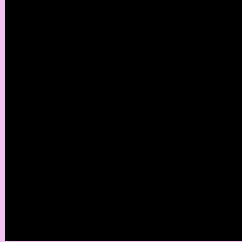
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 33.865, 326.669

Background



This preview shows how black text looks on a background with the CIELCh color 84, 33.865, 326.669.



This preview shows how white text looks on a background with the CIELCh color 84, 33.865, 326.669.

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





Tritanopia
84, 18.349, 355.533

Trichromacy



Original Color
84, 33.865, 326.669



Protanomaly
84, 26.414, 302.550



Deuteranomaly
84, 25.012, 312.959

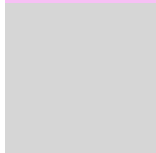


Tritanomaly
84, 23.076, 339.976

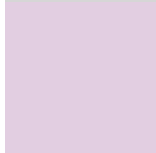
Monochromacy



Original Color
84, 33.865, 326.669



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 12.350, 326.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 33.865, 326.669 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(247, 192, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 192, 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(247, 192, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 192, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 33.865, 326.669 is called "border". The border property can be set on classes, ids or directly on the HTML element.

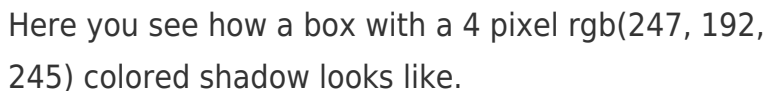
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 192, 245) }
```

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

```
.border{ border-color:rgb(247, 192, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 192, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 192, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 192, 245); box-shadow:4px 4px 4px 4px rgb(247, 192, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 33.865, 326.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 192, 245) }
```

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

```
.background{ background-color: rgb(247,  
192, 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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