

Converting Colors

CIELCh(94, 56.892, 358.742)

Have a look what the booklet for
CIELCh(94, 56.892, 358.742)
contains.

CIELCh(85, 33.675, 332.442)	3
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Color

CIELCh(85, 33.675, 332.442)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1F2
RGB	255, 193, 242
RGB Percent	100%, 76%, 95%
CMY	0.0000, 0.2420, 0.0498
CMYK	0.00, 0.24, 0.05, 0.00
HSL	312°, 100%, 88%
HSV	312°, 24%, 100%
XYZ	76.5500, 66.0070, 92.9378
YIQ	217.1240, 21.2230, 28.3830

Conversions

Conversions Part 2

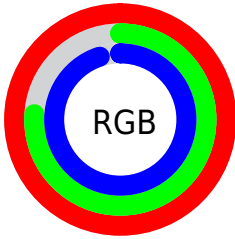
Format	Color
R _Y B	255, 193, 242
Decimal	16761330
CIE Lab	85.00, 29.85, -15.58
CIE LCh	85, 33.675, 332.442
Yxy	66.0070, 0.3251, 0.2803
Android (android.graphics.Color)	4294951410 (0xFFFFC1F2)
YUV	217.1240, 12.2639, 33.2173
Hunter-Lab	81.2447, 26.0072, -10.9520

Details

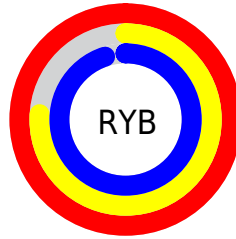
The CIELCh color $85, 33.675, 332.442$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 33.456, 148.956$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 324.451$, and $65, 33.732, 332.557$ is the 20% darker color. If you saturate the color by 10%, you get $79, 47.348, 332.992$, and if you desaturate by 10%, it is $91, 19.664, 331.622$.

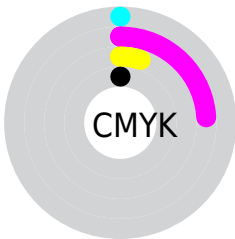
Distribution



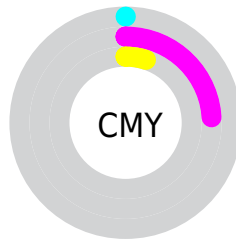
- Red (100%)
- Green (76%)
- Blue (95%)



- Red (100%)
- Yellow (76%)
- Blue (95%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 33.675, 332.442 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 85, 33.675, 332.442 by changing the saturation by 10% instead.


 85, 33.675,
332.442


 85, 33.675,
332.442


 100, 33.675,
332.442


 75, 33.675,
332.442

 65, 33.675,
332.442

 55, 33.675,
332.442

 45, 33.675,
332.442

 35, 33.675,
332.442

 25, 33.675,
332.442

 15, 33.675,

332.442

■ 5, 33.675, 332.442

■ 0, 33.675, 332.442

■ 85, 33.675,
332.442

■ 85, 33.675,
332.442

■ 79, 47.348,
332.992

■ 91, 19.664,
331.622

■ 74, 60.500,
333.711

■ 97, 5.781, 330.936

■ 69, 72.550,
334.458

100, 0.012,
296.813

■ 65, 82.877,
335.244

■ 62, 90.844,

336.089

■ 59, 95.954,
337.024

■ 58, 98.061,
338.091

■ 58, 98.231,
338.773

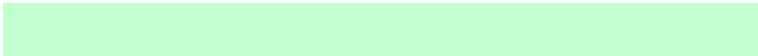
Harmonies

Complementary

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



85, 33.675, 332.442



95, 33.456, 148.956

Rectangle

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



85, 33.675, 332.442



85, 33.675, 22.442



85, 33.675, 152.442



85, 33.675, 202.442

Sweetspot

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



85, 33.607, 332.297



96, 9.648, 331.138



81, 33.196, 299.943



50, 6.271, 331.180



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 33.607, 332.297



82, 40.246, 332.628



84, 24.799, 358.534



50, 7.849, 331.308



43, 79.329, 338.551



11, 37.177, 337.058

Inverse Universe

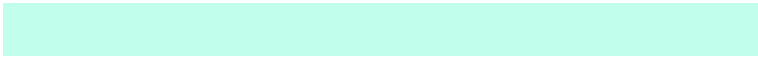
The Inverse Universe completely reimagines the original color for something new.



85, 33.607, 332.297



82, 40.246, 332.628



96, 23.087, 173.610



50, 7.849, 331.308



43, 79.329, 338.551



11, 37.177, 337.058

Previews

White Background



This preview shows how the CIELCh color 85, 33.675, 332.442 looks on a white background.

Color Contrast Check

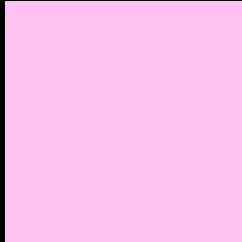
Large Text (above 18pt) WCAG AA × Fail

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 85, 33.675, 332.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

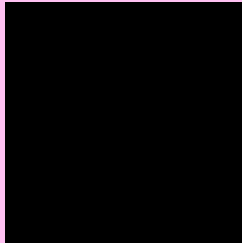
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 33.675, 332.442

Background



This preview shows how black text looks on a background with the CIELCh color 85, 33.675, 332.442.



This preview shows how white text looks on a background with the CIELCh color 85, 33.675, 332.442.

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

85, 33.675, 332.442

Protanopia

85, 22.682, 286.258

Deuteranopia

85, 18.026, 306.001



Tritanopia
85, 21.265, 358.010

Trichromacy



Original Color
85, 33.675, 332.442



Protanomaly
85, 24.584, 306.464



Deuteranomaly
85, 23.297, 319.368

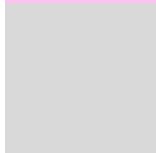


Tritanomaly
85, 25.031, 345.639

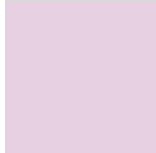
Monochromacy



Original Color
85, 33.675, 332.442



Achromatopsia
87, 0.010, 296.813



Achromatomaly
86, 12.588, 331.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 33.675, 332.442 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, 193, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 242)  
}
```

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, 193, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 33.675, 332.442 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, 193, 242) }
```

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

```
.border{ border-color:rgb(255, 193, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 33.675, 332.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 242) }
```

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

```
.background{ background-color: rgb(255,  
193, 242) }
```

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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