

Converting Colors

CIELCh(78, 34.782, 342.004)

Have a look what the booklet for
CIELCh(78, 34.782, 342.004)
contains.

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Color

CIELCh(78, 34.858, 341.663)

Conversions

Conversions Part 1

Format	Color
Hex	F4ABD6
RGB	244, 171, 214
RGB Percent	96%, 67%, 84%
CMY	0.0431, 0.3294, 0.1608
CMYK	0.00, 0.30, 0.12, 0.04
HSL	325°, 77%, 81%
HSV	325°, 30%, 96%
XYZ	64.0067, 53.2120, 70.5140
YIQ	197.7290, 29.7050, 28.8490

Conversions

Conversions Part 2

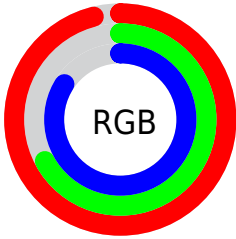
Format	Color
R_{YB}	244, 171, 214
Decimal	16034774
CIE _{Lab}	78.00, 33.09, -10.97
CIE _{LCh}	78, 34.858, 341.663
Yxy	53.2120, 0.3409, 0.2834
Android (android.graphics.Color)	4294224854 (0xFFF4ABD6)
YUV	197.7290, 8.0216, 40.5797
Hunter-Lab	72.9466, 28.9676, -6.2503

Details

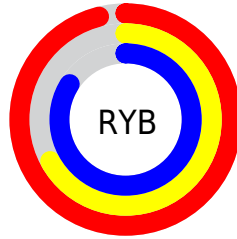
The CIELCh color **78, 34.858, 341.663** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 34.073, 156.506**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 17.506, 325.031**, and **58, 34.700, 342.042** is the 20% darker color. If you saturate the color by 10%, you get **72, 46.334, 342.696**, and if you desaturate by 10%, it is **84, 23.127, 340.735**.

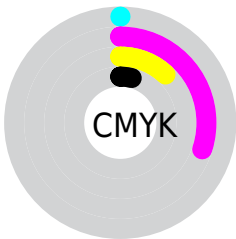
Distribution



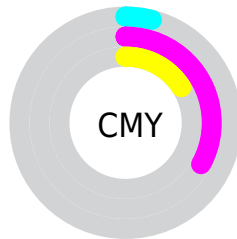
- Red (96%)
- Green (67%)
- Blue (84%)



- Red (96%)
- Yellow (67%)
- Blue (84%)



- Cyan (0%)
- Magenta (30%)
- Yellow (12%)
- Black (4%)




- Cyan (4%)
- Magenta (33%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 34.858, 341.663 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 78, 34.858, 341.663 by changing the saturation by 10% instead.

 78, 34.858,
341.663

 78, 34.858,
341.663

 100, 34.858,
341.663

 68, 34.858,
341.663

 98, 34.858,
341.663

 58, 34.858,
341.663

 48, 34.858,
341.663

 38, 34.858,
341.663

 28, 34.858,
341.663

 18, 34.858,
341.663

 8, 34.858, 341.663

0, 34.858, 341.663

78, 34.858,
341.663

78, 34.858,
341.663

72, 46.334,
342.696

84, 23.127,
340.735

67, 57.169,
343.868

90, 11.422,
339.876

63, 66.838,
345.230

96, 0.087, 164.144

59, 74.737,
346.861

99, 3.839, 192.551

99, 3.800, 199.339

56, 80.306,
348.863

54, 83.231,
351.369

■ 53, 83.876,
354.450

■ 53, 83.879,
354.477

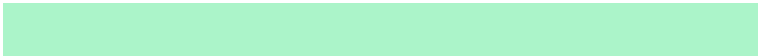
Harmonies

Complementary

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



78, 34.858, 341.663



91, 34.073, 156.506

Rectangle

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



78, 34.858, 341.663



78, 34.858, 31.663



78, 34.858, 161.663



78, 34.858, 211.663

Sweetspot

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



78, 34.855, 341.664



94, 10.735, 339.801



75, 40.796, 307.209



49, 7.470, 339.924



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 34.855, 341.664



78, 43.414, 342.287



77, 28.648, 14.260



48, 6.561, 339.840



41, 68.656, 353.867



9, 31.330, 349.286

Inverse Universe

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



78, 34.855, 341.664



78, 43.414, 342.287



91, 24.262, 188.823



48, 6.561, 339.840



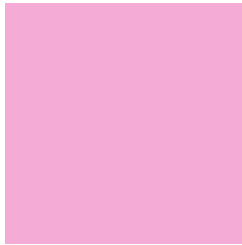
41, 68.656, 353.867



9, 31.330, 349.286

Previews

White Background



This preview shows how the CIELCh color 78, 34.858, 341.663 looks on a white background.

Color Contrast Check

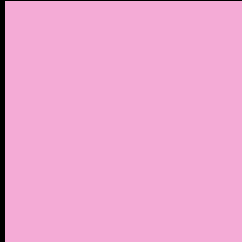
Large Text (above 18pt) WCAG AA × Fail

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 78, 34.858, 341.663 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 78, 34.858, 341.663

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.858, 341.663.

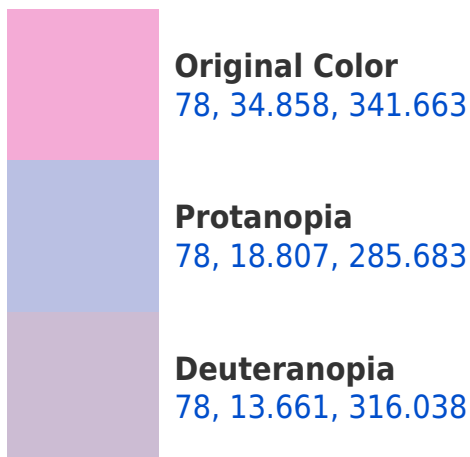


This preview shows how white text looks on a background with the CIELCh color 78, 34.858, 341.663.

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
78, 26.186, 5.341

Trichromacy



Original Color
78, 34.858, 341.663



Protanomaly
78, 22.032, 313.386



Deuteranomaly
78, 20.945, 331.193

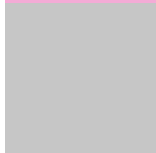


Tritanomaly
78, 28.391, 355.394

Monochromacy



Original Color
78, 34.858, 341.663



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 13.117, 339.919

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.858, 341.663 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(244, 171, 214)` looks like.

```
.text, #text, p{  
    color:rgb(244, 171, 214)  
}
```

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(244, 171, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 171, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.858, 341.663 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(244, 171, 214) }
```

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

```
.border{ border-color:rgb(244, 171, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 171, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 171, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 171, 214);  
box-shadow:4px 4px 4px 4px rgb(244, 171,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.858, 341.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 171, 214) }
```

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

```
.background{ background-color: rgb(244,  
171, 214) }
```

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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