

Converting Colors

CIELCh(78, 42.667, 340.670)

Have a look what the booklet for
CIELCh(78, 42.667, 340.670)
contains.

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Color

CIELCh(78, 42.929, 340.723)

Conversions

Conversions Part 1

Format	Color
Hex	FEA5DC
RGB	254, 165, 220
RGB Percent	100%, 65%, 86%
CMY	0.0035, 0.3525, 0.1368
CMYK	0.00, 0.35, 0.13, 0.00
HSL	323°, 98%, 82%
HSV	323°, 35%, 100%
XYZ	67.3194, 53.2120, 74.5064
YIQ	197.8810, 35.3890, 35.9730

Conversions

Conversions Part 2

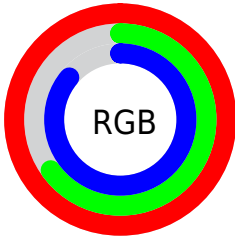
Format	Color
R_{YB}	254, 165, 220
Decimal	16688604
CIE _{Lab}	78.00, 40.52, -14.17
CIE _{LCh}	78, 42.929, 340.723
Yxy	53.2120, 0.3452, 0.2728
Android (android.graphics.Color)	4294878684 (0xFFFEA5DC)
YUV	197.8810, 10.9047, 49.2164
Hunter-Lab	72.9466, 37.0739, -9.4952

Details

The CIELCh color $78, 42.929, 340.723$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 42.029, 154.652$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $92, 21.281, 325.165$, and $58, 42.656, 340.800$ is the 20% darker color. If you saturate the color by 10%, you get $73, 54.677, 341.763$, and if you desaturate by 10%, it is $84, 30.693, 339.789$.

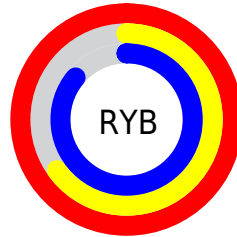
Distribution



Red (100%)

Green (65%)

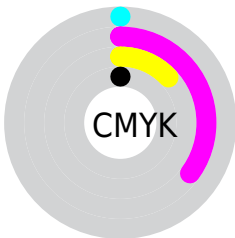
Blue (86%)



Red (100%)

Yellow (65%)

Blue (86%)

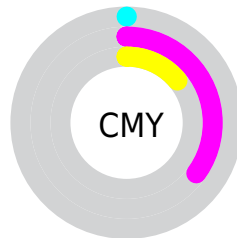


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 42.929, 340.723 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, 42.929, 340.723 by changing the saturation by 10% instead.


 78, 42.929,
340.723

 78, 42.929,
340.723

 100, 42.929,
340.723


 68, 42.929,
340.723

 98, 42.929,
340.723

 58, 42.929,
340.723

 48, 42.929,
340.723

 38, 42.929,
340.723

 28, 42.929,
340.723

 18, 42.929,
340.723

 8, 42.929, 340.723

■ 0, 42.929, 340.723

■ 78, 42.929,
340.723

■ 78, 42.929,
340.723

■ 73, 54.677,
341.763

■ 84, 30.693,
339.789

■ 68, 65.459,
342.944

■ 90, 18.331,
338.932

■ 63, 74.668,
344.323

■ 96, 6.077, 338.105

■ 60, 81.676,
345.979

■ 100, 0.309,
201.534

■ 58, 85.997,
348.018

■ 56, 87.530,
350.562

■ 56, 87.576,
352.003

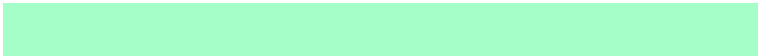
Harmonies

Complementary

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



78, 42.929, 340.723



93, 42.029, 154.652

Rectangle

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



78, 42.929, 340.723



78, 42.929, 30.723



78, 42.929, 160.723



78, 42.929, 210.723

Sweetspot

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



78, 42.926, 340.724



93, 13.414, 338.603



74, 49.544, 306.466



49, 9.024, 338.713



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, 42.926, 340.724



74, 51.345, 341.437



77, 35.175, 12.490



50, 6.924, 338.481



42, 70.946, 351.446



11, 33.446, 347.698

Inverse Universe

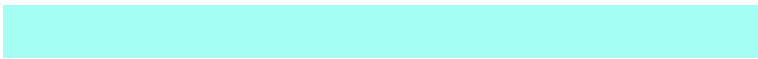
The Inverse Universe completely reimagines the original color for something new.



78, 42.926, 340.724



74, 51.345, 341.437



94, 29.325, 185.466



50, 6.924, 338.481



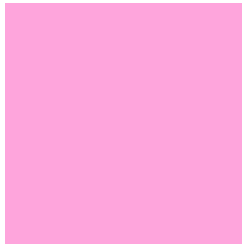
42, 70.946, 351.446



11, 33.446, 347.698

Previews

White Background



This preview shows how the CIELCh color 78, 42.929, 340.723 looks on a white background.

Color Contrast Check

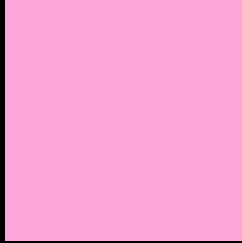
Large Text (above 18pt) WCAG AA × Fail

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, 42.929, 340.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

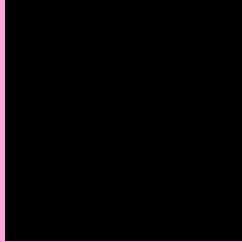
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 42.929, 340.723

Background



This preview shows how black text looks on a background with the CIELCh color 78, 42.929, 340.723.



This preview shows how white text looks on a background with the CIELCh color 78, 42.929, 340.723.

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, 30.729, 9.339

Trichromacy



Original Color
78, 42.929, 340.723



Protanomaly
78, 28.020, 311.782



Deuteranomaly
78, 24.504, 327.555

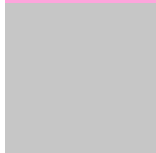


Tritanomaly
78, 34.167, 355.978

Monochromacy



Original Color
78, 42.929, 340.723



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 15.887, 338.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 42.929, 340.723 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, 165, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 220)  
}
```

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, 165, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 42.929, 340.723 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, 165, 220) }
```

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

```
.border{ border-color:rgb(254, 165, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 165, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 42.929, 340.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 220) }
```

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

```
.background{ background-color: rgb(254,  
165, 220) }
```

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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