

Converting Colors

CIELCh(80, 46.884, 345.434)

Have a look what the booklet for
CIELCh(80, 46.884, 345.434)
contains.

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Color

CIELCh(78, 43.215, 340.159)

Conversions

Conversions Part 1

Format	Color
Hex	FEA5DD
RGB	254, 165, 221
RGB Percent	100%, 65%, 87%
CMY	0.0040, 0.3527, 0.1333
CMYK	0.00, 0.35, 0.13, 0.00
HSL	322°, 98%, 82%
HSV	322°, 35%, 100%
XYZ	67.3772, 53.2120, 75.1363
YIQ	197.9950, 35.0680, 36.2840

Conversions

Conversions Part 2

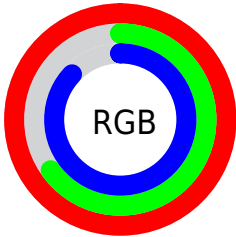
Format	Color
R_{YB}	254, 165, 221
Decimal	16688605
CIE _{Lab}	78.00, 40.65, -14.67
CIE _{LCh}	78, 43.215, 340.159
Yxy	53.2120, 0.3442, 0.2719
Android (android.graphics.Color)	4294878685 (0xFFFEA5DD)
YUV	197.9950, 11.3415, 49.1164
Hunter-Lab	72.9466, 37.2154, -10.0072

Details

The CIELCh color **78, 43.215, 340.159** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 42.377, 154.161**, 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, 43.585, 340.055** is the 20% darker color. If you saturate the color by 10%, you get **73, 55.032, 341.175**, and if you desaturate by 10%, it is **84, 30.900, 339.243**.

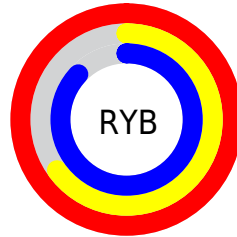
Distribution



Red (100%)

Green (65%)

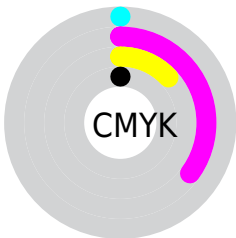
Blue (87%)



Red (100%)

Yellow (65%)

Blue (87%)

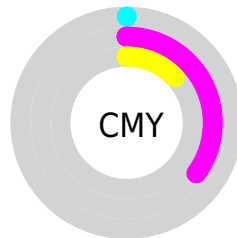


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 43.215, 340.159 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, 43.215, 340.159 by changing the saturation by 10% instead.

 78, 43.215,
340.159

 78, 43.215,
340.159


 100, 43.215,
340.159


 68, 43.215,
340.159


 98, 43.215,
340.159


 58, 43.215,
340.159

 48, 43.215,
340.159

 38, 43.215,
340.159

 28, 43.215,
340.159

 18, 43.215,
340.159

 8, 43.215, 340.159

■ 0, 43.215, 340.159

■ 78, 43.215,
340.159

■ 78, 43.215,
340.159

■ 73, 55.032,
341.175

■ 84, 30.900,
339.243

■ 68, 65.869,
342.323

■ 90, 18.453,
338.400

■ 63, 75.120,
343.657

■ 96, 6.108, 337.584

■ 60, 82.154,
345.251

■ 100, 0.358,
201.233

■ 58, 86.484,
347.206

■ 56, 88.004,
349.637

■ 56, 88.032,
351.017

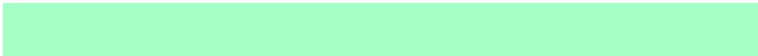
Harmonies

Complementary

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



78, 43.215, 340.159



93, 42.377, 154.161

Rectangle

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



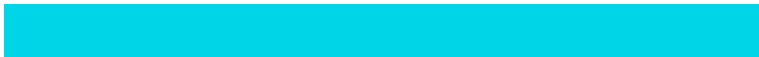
78, 43.215, 340.159



78, 43.215, 30.159



78, 43.215, 160.159



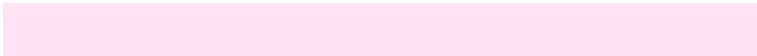
78, 43.215, 210.159

Sweetspot

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



78, 43.212, 340.160



93, 13.523, 338.076



74, 49.502, 306.465



49, 9.097, 338.185



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, 43.212, 340.160



74, 51.719, 340.858



77, 35.144, 12.488



50, 6.980, 337.956



42, 71.350, 350.487



11, 33.644, 346.911

Inverse Universe

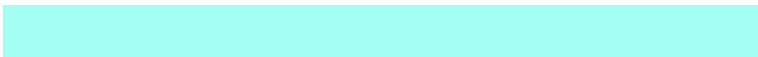
The Inverse Universe completely reimagines the original color for something new.



78, 43.212, 340.160



74, 51.719, 340.858



94, 29.302, 185.468



50, 6.980, 337.956



42, 71.350, 350.487



11, 33.644, 346.911

Previews

White Background



This preview shows how the CIELCh color 78, 43.215, 340.159 looks on a white background.

Color Contrast Check

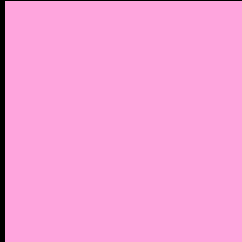
Large Text (above 18pt) WCAG AA × Fail

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, 43.215, 340.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

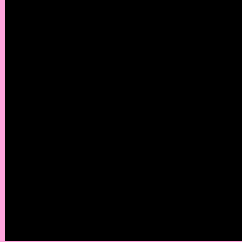
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 43.215, 340.159

Background



This preview shows how black text looks on a background with the CIELCh color 78, 43.215, 340.159.



This preview shows how white text looks on a background with the CIELCh color 78, 43.215, 340.159.

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


78, 43.245, 340.172

Protanopia

78, 25.804, 285.954

Deuteranopia

78, 16.283, 307.882



Tritanopia
78, 30.729, 9.339

Trichromacy



Original Color
78, 43.245, 340.172



Protanomaly
78, 28.414, 310.761



Deuteranomaly
78, 24.926, 326.820



Tritanomaly
78, 34.167, 355.978

Monochromacy



Original Color
78, 43.245, 340.172



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, 43.215, 340.159 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 43.215, 340.159 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, 221) }
```

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

```
.border{ border-color:rgb(254, 165, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 221);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 43.215, 340.159 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, 221) }
```

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

```
.background{ background-color: rgb(254,  
165, 221) }
```

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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