

Converting Colors

CIELCh(78, 40.898, 346.156)

Have a look what the booklet for
CIELCh(78, 40.898, 346.156)
contains.

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Color

CIELCh(78, 40.859, 345.823)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5D4
RGB	255, 165, 212
RGB Percent	100%, 65%, 83%
CMY	0.0000, 0.3511, 0.1668
CMYK	0.00, 0.35, 0.17, 0.00
HSL	328°, 100%, 82%
HSV	328°, 35%, 100%
XYZ	66.9090, 53.2120, 69.3476
YIQ	197.2680, 38.5530, 33.6970

Conversions

Conversions Part 2

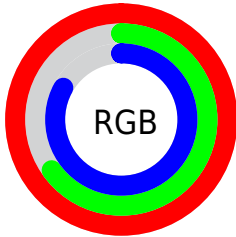
Format	Color
R _Y B	255, 165, 212
Decimal	16754132
CIE Lab	78.00, 39.61, -10.01
CIE LCh	78, 40.859, 345.823
Yxy	53.2120, 0.3531, 0.2808
Android (android.graphics.Color)	4294944212 (0xFFFFA5D4)
YUV	197.2680, 7.2629, 50.6310
Hunter-Lab	72.9466, 36.0697, -5.3022

Details

The CIELCh color **78, 40.859, 345.823** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 39.218, 158.968**, 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, 40.528, 346.294** is the 20% darker color. If you saturate the color by 10%, you get **72, 51.979, 346.891**, and if you desaturate by 10%, it is **84, 29.062, 344.553**.

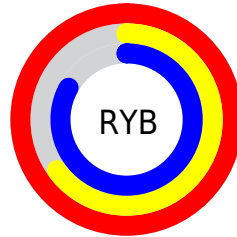
Distribution



Red (100%)

Green (65%)

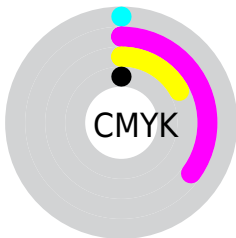
Blue (83%)



Red (100%)

Yellow (65%)

Blue (83%)

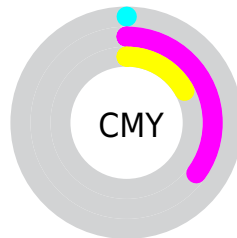


Cyan (0%)

Magenta (35%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 40.859, 345.823 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, 40.859, 345.823 by changing the saturation by 10% instead.


 78, 40.859,
345.823


 78, 40.859,
345.823


 100, 40.859,
345.823


 68, 40.859,
345.823


 98, 40.859,
345.823

 58, 40.859,
345.823

 48, 40.859,
345.823

 38, 40.859,
345.823

 28, 40.859,
345.823

 18, 40.859,
345.823

 8, 40.859, 345.823

■ 0, 40.859, 345.823

■ 78, 40.859,
345.823

■ 78, 40.859,
345.823

■ 72, 51.979,
346.891

■ 84, 29.062,
344.553

■ 67, 62.391,
348.357

■ 90, 17.354,
343.580

■ 63, 71.371,
350.127

■ 97, 5.804, 342.658

■ 59, 78.308,
352.318

100, 0.012,
296.813

■ 57, 82.752,
355.083

■ 56, 84.655,
358.579

■ 55, 84.991, 0.522

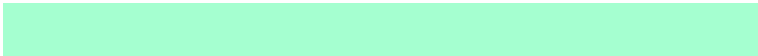
Harmonies

Complementary

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



78, 40.859, 345.823



94, 39.218, 158.968

Rectangle

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



78, 40.859, 345.823



78, 40.859, 35.823



78, 40.859, 165.823



78, 40.859, 215.823

Sweetspot

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



78, 40.714, 345.643



93, 12.580, 343.202



75, 50.384, 309.739



49, 8.465, 343.326



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, 40.714, 345.643



74, 48.544, 346.483



77, 35.590, 20.129



50, 6.491, 343.067



41, 68.581, 359.747



11, 32.127, 354.541

Inverse Universe

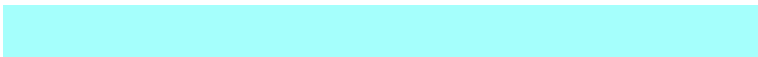
The Inverse Universe completely reimagines the original color for something new.



78, 40.714, 345.643



74, 48.544, 346.483



95, 28.227, 194.523



50, 6.491, 343.067



41, 68.581, 359.747



11, 32.127, 354.541

Previews

White Background



This preview shows how the CIELCh color 78, 40.859, 345.823 looks on a white background.

Color Contrast Check

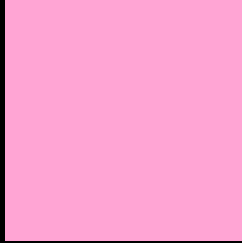
Large Text (above 18pt) WCAG AA × Fail

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, 40.859, 345.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

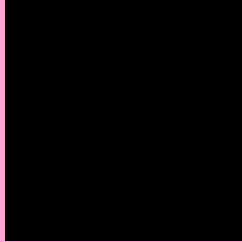
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 40.859, 345.823

Background



This preview shows how black text looks on a background with the CIELCh color 78, 40.859, 345.823.



This preview shows how white text looks on a background with the CIELCh color 78, 40.859, 345.823.

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, 40.859, 345.823

Protanopia

78, 20.418, 286.359

Deuteranopia

78, 12.409, 320.708



Tritanopia
78, 31.909, 9.956

Trichromacy



Original Color
78, 40.859, 345.823



Protanomaly
78, 24.206, 315.964



Deuteranomaly
78, 22.427, 335.726

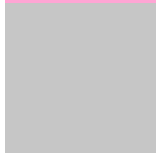


Tritanomaly
78, 34.208, 359.957

Monochromacy



Original Color
78, 40.859, 345.823



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 15.195, 344.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 40.859, 345.823 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, 165, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 212)  
}
```

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, 165, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 40.859, 345.823 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, 165, 212) }
```

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

```
.border{ border-color:rgb(255, 165, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 40.859, 345.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 212) }
```

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

```
.background{ background-color: rgb(255,  
165, 212) }
```

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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