

Converting Colors

CIELCh(78, 42.245, 342.142)

Have a look what the booklet for
CIELCh(78, 42.245, 342.142)
contains.

CIELCh(78, 42.312, 341.853)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 42.312, 341.853)

Conversions

Conversions Part 1

Format	Color
Hex	FEA5DA
RGB	254, 165, 218
RGB Percent	100%, 65%, 85%
CMY	0.0028, 0.3518, 0.1440
CMYK	0.00, 0.35, 0.14, 0.00
HSL	324°, 98%, 82%
HSV	324°, 35%, 100%
XYZ	67.1769, 53.2120, 73.2528
YIQ	197.6530, 36.0310, 35.3510

Conversions

Conversions Part 2

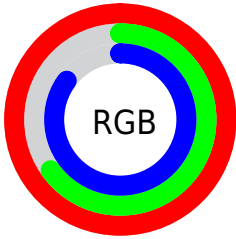
Format	Color
RYB	254, 165, 218
Decimal	16688602
CIELab	78.00, 40.21, -13.18
CIElCh	78, 42.312, 341.853
Yxy	53.2120, 0.3469, 0.2748
Android (android.graphics.Color)	4294878682 (0xFFFEA5DA)
YUV	197.6530, 10.0311, 49.4163
Hunter-Lab	72.9466, 36.7252, -8.4763

Details

The CIELCh color **78, 42.312, 341.853** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 41.284, 155.648**, 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, 42.019, 342.011** is the 20% darker color. If you saturate the color by 10%, you get **72, 53.932, 342.941**, and if you desaturate by 10%, it is **84, 30.227, 340.884**.

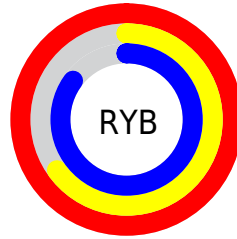
Distribution



Red (100%)

Green (65%)

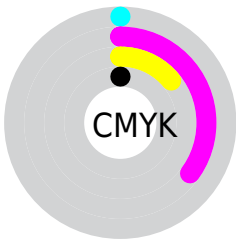
Blue (85%)



Red (100%)

Yellow (65%)

Blue (85%)

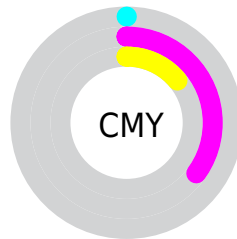


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 42.312, 341.853 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, 42.312, 341.853 by changing the saturation by 10% instead.

 78, 42.312,
341.853

 78, 42.312,
341.853

 100, 42.312,
341.853


 68, 42.312,
341.853


 98, 42.312,
341.853


 58, 42.312,
341.853

 48, 42.312,
341.853

 38, 42.312,
341.853

 28, 42.312,
341.853

 18, 42.312,
341.853

 8, 42.312, 341.853

■ 0, 42.312, 341.853

■ 78, 42.312,
341.853

■ 78, 42.312,
341.853

■ 72, 53.932,
342.941

■ 84, 30.227,
340.884

■ 68, 64.612,
344.188

■ 90, 18.034,
339.999

■ 63, 73.754,
345.656

■ 97, 5.960, 339.150

■ 60, 80.730,
347.435

■ 100, 0.245,
202.100

■ 57, 85.059,
349.642

■ 56, 86.650,
352.409

■ 55, 86.743,
353.984

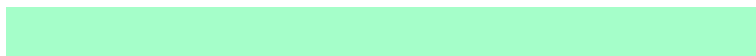
Harmonies

Complementary

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



78, 42.312, 341.853



93, 41.284, 155.648

Rectangle

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



78, 42.312, 341.853



78, 42.312, 31.853



78, 42.312, 161.853



78, 42.312, 211.853

Sweetspot

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



78, 42.309, 341.854



93, 13.204, 339.662



74, 49.718, 307.555



49, 8.883, 339.776



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, 42.309, 341.854



74, 50.627, 342.601



77, 35.170, 15.037



50, 6.815, 339.537



42, 70.219, 353.375



11, 33.078, 349.282

Inverse Universe

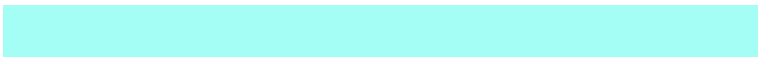
The Inverse Universe completely reimagines the original color for something new.



78, 42.309, 341.854



74, 50.627, 342.601



94, 28.844, 188.401



50, 6.815, 339.537



42, 70.219, 353.375



11, 33.078, 349.282

Previews

White Background



This preview shows how the CIELCh color 78, 42.312, 341.853 looks on a white background.

Color Contrast Check

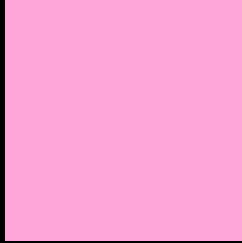
Large Text (above 18pt) WCAG AA × Fail

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, 42.312, 341.853 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, 42.312, 341.853

Background



This preview shows how black text looks on a background with the CIELCh color 78, 42.312, 341.853.



This preview shows how white text looks on a background with the CIELCh color 78, 42.312, 341.853.

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, 42.312, 341.853

Protanopia
78, 24.187, 286.098

Deuteranopia
78, 14.870, 310.924



Tritanopia
78, 31.198, 8.598

Trichromacy



Original Color
78, 42.312, 341.853



Protanomaly
78, 27.521, 312.148



Deuteranomaly
78, 24.297, 329.033

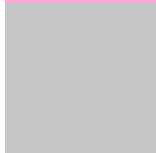


Tritanomaly
78, 34.330, 357.133

Monochromacy



Original Color
78, 42.312, 341.853



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 15.547, 340.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 42.312, 341.853 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 42.312, 341.853 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, 218) }
```

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

```
.border{ border-color:rgb(254, 165, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 218);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 42.312, 341.853 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, 218) }
```

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

```
.background{ background-color: rgb(254,  
165, 218) }
```

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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