

Converting Colors

CIELCh(79, 32.237, 342.610)

Have a look what the booklet for
CIELCh(79, 32.237, 342.610)
contains.

CIELCh(79, 32.438, 342.726)	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(79, 32.438, 342.726)

Conversions

Conversions Part 1

Format	Color
Hex	F4AFD6
RGB	244, 175, 214
RGB Percent	96%, 69%, 84%
CMY	0.0419, 0.3126, 0.1596
CMYK	0.00, 0.28, 0.12, 0.04
HSL	326°, 76%, 82%
HSV	326°, 28%, 96%
XYZ	64.9742, 54.9284, 70.9917
YIQ	200.0770, 28.6050, 26.7570

Conversions

Conversions Part 2

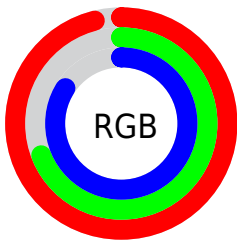
Format	Color
RYB	244, 175, 214
Decimal	16035798
CIELab	79.00, 30.97, -9.63
CIELCh	79, 32.438, 342.726
Yxy	54.9284, 0.3404, 0.2877
Android (android.graphics.Color)	4294225878 (0xFFFF4AFD6)
YUV	200.0770, 6.8640, 38.5205
Hunter-Lab	74.1137, 26.7889, -4.9128

Details

The CIELCh color $79, 32.438, 342.726$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $91, 31.639, 157.793$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.992, 324.942$, and $59, 32.201, 343.123$ is the 20% darker color. If you saturate the color by 10%, you get $73, 43.844, 343.783$, and if you desaturate by 10%, it is $85, 20.851, 341.780$.

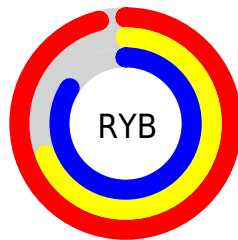
Distribution



Red (96%)

Green (69%)

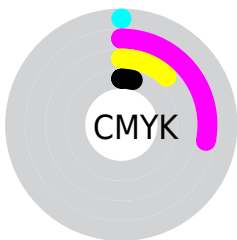
Blue (84%)



Red (96%)

Yellow (69%)

Blue (84%)

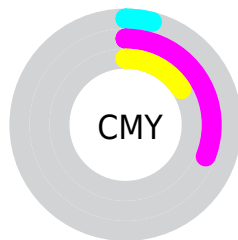


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (4%)



Cyan (4%)


Magenta (31%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 32.438, 342.726 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 79, 32.438, 342.726 by changing the saturation by 10% instead.


 79, 32.438,
342.726


 79, 32.438,
342.726


 100, 32.438,
342.726


 69, 32.438,
342.726


 99, 32.438,
342.726

 59, 32.438,
342.726

 49, 32.438,
342.726

 39, 32.438,
342.726

 29, 32.438,
342.726

 19, 32.438,
342.726

 9, 32.438, 342.726

0, 32.438, 342.726

79, 32.438,
342.726

79, 32.438,
342.726

73, 43.844,
343.783

85, 20.851,
341.780

68, 54.709,
344.987

91, 9.339, 340.902

63, 64.534,
346.393

97, 1.947, 160.400

99, 3.695, 199.350

60, 72.727,
348.082

57, 78.714,
350.163

54, 82.131,
352.778

■ 53, 83.133,
356.042

■ 53, 83.217,
356.652

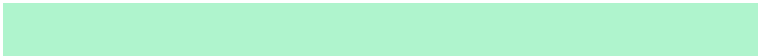
Harmonies

Complementary

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



79, 32.438, 342.726



91, 31.639, 157.793

Rectangle

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



79, 32.438, 342.726



79, 32.438, 32.726



79, 32.438, 162.726



79, 32.438, 212.726

Sweetspot

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



79, 32.435, 342.727



95, 9.374, 340.882



76, 38.642, 308.220



50, 6.673, 341.013



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 32.435, 342.727



79, 40.417, 343.327



78, 26.951, 16.604



48, 6.453, 341.010



40, 68.029, 355.986



9, 30.996, 350.994

Inverse Universe

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



79, 32.435, 342.727



79, 40.417, 343.327



92, 22.765, 191.907



48, 6.453, 341.010



40, 68.029, 355.986



9, 30.996, 350.994

Previews

White Background



This preview shows how the CIELCh color 79, 32.438, 342.726 looks on a white background.

Color Contrast Check

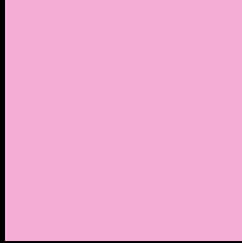
Large Text (above 18pt) WCAG AA × Fail

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 79, 32.438, 342.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

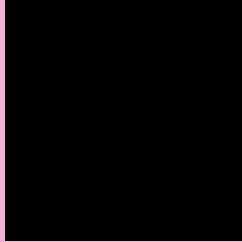
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 32.438, 342.726

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.438, 342.726.



This preview shows how white text looks on a background with the CIELCh color 79, 32.438, 342.726.

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
79, 24.971, 4.401

Trichromacy



Original Color
79, 32.438, 342.726



Protanomaly
79, 20.502, 315.019



Deuteranomaly
79, 19.486, 333.400

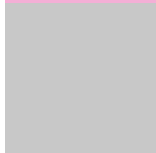


Tritanomaly
79, 27.086, 355.158

Monochromacy



Original Color
79, 32.438, 342.726



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 11.854, 341.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.438, 342.726 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, 175, 214)` looks like.

```
.text, #text, p{  
    color:rgb(244, 175, 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, 175, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 175, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.438, 342.726 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, 175, 214) }
```

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

```
.border{ border-color:rgb(244, 175, 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, 175, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 175, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 175, 214);  
box-shadow:4px 4px 4px 4px rgb(244, 175,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.438, 342.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 175, 214) }
```

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

```
.background{ background-color: rgb(244,  
175, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor