

Converting Colors

CIELCh(76, 39.835, 344.398)

Have a look what the booklet for
CIELCh(76, 39.835, 344.398)
contains.

CIELCh(76, 39.864, 344.413)	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(76, 39.864, 344.413)

Conversions

Conversions Part 1

Format	Color
Hex	F7A1D0
RGB	247, 161, 208
RGB Percent	97%, 63%, 82%
CMY	0.0309, 0.3681, 0.1838
CMYK	0.00, 0.35, 0.16, 0.03
HSL	327°, 85%, 80%
HSV	327°, 35%, 97%
XYZ	62.5670, 49.8872, 66.0828
YIQ	192.0720, 36.1690, 32.8490

Conversions

Conversions Part 2

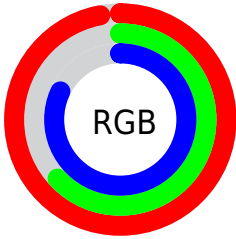
Format	Color
R _Y B	247, 161, 208
Decimal	16228816
CIE Lab	76.00, 38.40, -10.71
CIE LCh	76, 39.864, 344.413
Yxy	49.8872, 0.3504, 0.2794
Android (android.graphics.Color)	4294418896 (0xFFF7A1D0)
YUV	192.0720, 7.8525, 48.1719
Hunter-Lab	70.6309, 34.5167, -6.0306

Details

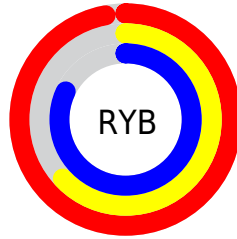
The CIELCh color $76, 39.864, 344.413$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $91, 38.571, 157.958$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.800, 325.253$, and $56, 39.827, 344.086$ is the 20% darker color. If you saturate the color by 10%, you get $71, 50.968, 345.605$, and if you desaturate by 10%, it is $82, 28.366, 343.367$.

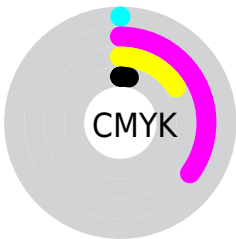
Distribution



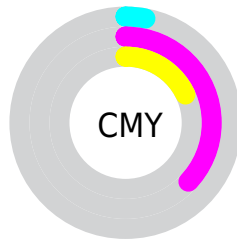
- Red (97%)
- Green (63%)
- Blue (82%)



- Red (97%)
- Yellow (63%)
- Blue (82%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (3%)




- Cyan (3%)
- Magenta (37%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 39.864, 344.413 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 76, 39.864, 344.413 by changing the saturation by 10% instead.


 76, 39.864,
344.413


 76, 39.864,
344.413


 100, 39.864,
344.413


 66, 39.864,
344.413


 96, 39.864,
344.413

 56, 39.864,
344.413

 46, 39.864,
344.413

 36, 39.864,
344.413

 26, 39.864,
344.413

 16, 39.864,
344.413

 6, 39.864, 344.413

■ 0, 39.864, 344.413

■ 76, 39.864,
344.413

■ 76, 39.864,
344.413

■ 71, 50.968,
345.605

■ 82, 28.366,
343.367

■ 66, 61.236,
346.992

■ 88, 16.808,
342.425

■ 61, 70.095,
348.653

■ 94, 5.396, 341.525


■ 58, 76.947,
350.695

■ 99, 2.938, 178.708

■ 99, 2.727, 199.475

■ 56, 81.332,
353.258

■ 54, 83.167,
356.494

 54, 83.452,
358.415

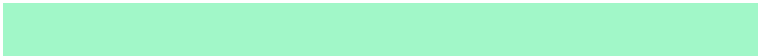
Harmonies

Complementary

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



76, 39.864, 344.413



91, 38.571, 157.958

Rectangle

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



76, 39.864, 344.413



76, 39.864, 34.413



76, 39.864, 164.413



76, 39.864, 214.413

Sweetspot

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



76, 39.861, 344.414



93, 11.592, 341.999



73, 48.566, 309.173



49, 7.920, 342.124



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 39.861, 344.414



74, 49.150, 345.263



75, 34.271, 18.812



48, 6.370, 341.952



40, 67.616, 357.682



9, 30.758, 352.364

Inverse Universe

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



76, 39.861, 344.414



74, 49.150, 345.263



92, 27.473, 192.984



48, 6.370, 341.952



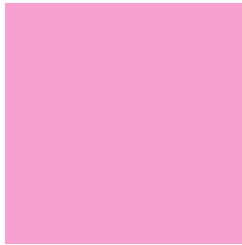
40, 67.616, 357.682



9, 30.758, 352.364

Previews

White Background



This preview shows how the CIELCh color 76, 39.864, 344.413 looks on a white background.

Color Contrast Check

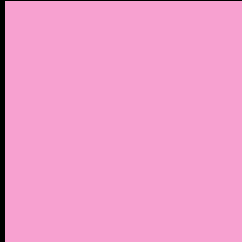
Large Text (above 18pt) WCAG AA × Fail

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 76, 39.864, 344.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

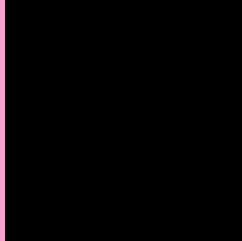
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 39.864, 344.413

Background



This preview shows how black text looks on a background with the CIELCh color 76, 39.864, 344.413.



This preview shows how white text looks on a background with the CIELCh color 76, 39.864, 344.413.

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

76, 39.864, 344.413

Protanopia

76, 20.518, 286.417

Deuteranopia

76, 12.604, 316.600



Tritanopia
76, 30.922, 9.450

Trichromacy



Original Color
76, 39.864, 344.413



Protanomaly
76, 24.182, 315.198



Deuteranomaly
76, 22.029, 334.307



Tritanomaly
76, 33.466, 358.279

Monochromacy



Original Color
76, 39.864, 344.413



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 14.677, 342.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 39.864, 344.413 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(247, 161, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 208)  
}
```

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(247, 161, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 39.864, 344.413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

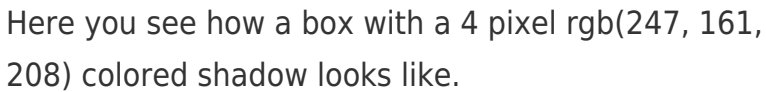
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 161, 208) }
```

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

```
.border{ border-color:rgb(247, 161, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 161, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 161, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 161, 208); box-shadow:4px 4px 4px 4px rgb(247, 161, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 39.864, 344.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 208) }
```

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

```
.background{ background-color: rgb(247,  
161, 208) }
```

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