

Converting Colors

CIELCh(76, 47.646, 340.325)

Have a look what the booklet for
CIELCh(76, 47.646, 340.325)
contains.

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Color

CIELCh(76, 47.617, 340.349)

Conversions

Conversions Part 1

Format	Color
Hex	FE9CDA
RGB	254, 156, 218
RGB Percent	100%, 61%, 85%
CMY	0.0041, 0.3884, 0.1452
CMYK	0.00, 0.39, 0.14, 0.00
HSL	322°, 98%, 80%
HSV	322°, 39%, 100%
XYZ	65.3901, 49.8872, 72.4862
YIQ	192.3700, 38.5060, 40.0580

Conversions

Conversions Part 2

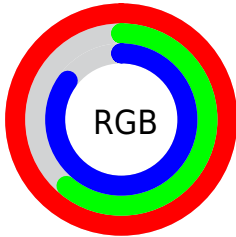
Format	Color
RYB	254, 156, 218
Decimal	16686298
CIELab	76.00, 44.84, -16.01
CIELCh	76, 47.617, 340.349
Yxy	49.8872, 0.3483, 0.2657
Android (android.graphics.Color)	4294876378 (0xFFFE9CDA)
YUV	192.3700, 12.6356, 54.0495
Hunter-Lab	70.6309, 41.6512, -11.4057

Details

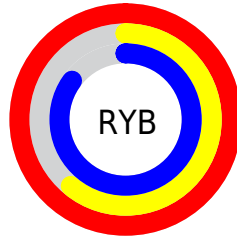
The CIELCh color $76, 47.617, 340.349$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 46.677, 153.612$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 26.948, 325.363$, and $56, 47.931, 340.428$ is the 20% darker color. If you saturate the color by 10%, you get $71, 59.165, 341.400$, and if you desaturate by 10%, it is $82, 35.408, 339.407$.

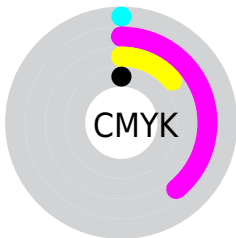
Distribution



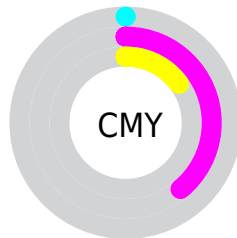
- Red (100%)
- Green (61%)
- Blue (85%)



- Red (100%)
- Yellow (61%)
- Blue (85%)



- Cyan (0%)
- Magenta (39%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 47.617, 340.349 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, 47.617, 340.349 by changing the saturation by 10% instead.


 76, 47.617,
340.349


 76, 47.617,
340.349


 100, 47.617,
340.349


 66, 47.617,
340.349


 96, 47.617,
340.349

 56, 47.617,
340.349

 46, 47.617,
340.349

 36, 47.617,
340.349

 26, 47.617,
340.349

 16, 47.617,
340.349

 6, 47.617, 340.349

■ 0, 47.617, 340.349

■ 76, 47.617,
340.349

■ 76, 47.617,
340.349

■ 71, 59.165,
341.400

■ 82, 35.408,
339.407

■ 66, 69.524,
342.597

■ 88, 22.951,
338.544

■ 62, 78.063,
344.000

■ 94, 10.522,
337.734

■ 59, 84.178,
345.691

100, 0.361,
201.218

■ 57, 87.489,
347.777

■ 56, 88.165,
350.353

■ 56, 88.175,
350.741

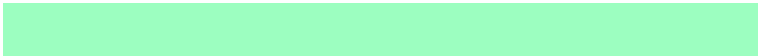
Harmonies

Complementary

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



76, 47.617, 340.349



92, 46.677, 153.612

Rectangle

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



76, 47.617, 340.349



76, 47.617, 30.349



76, 47.617, 160.349



76, 47.617, 210.349

Sweetspot

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



76, 47.614, 340.350



92, 14.799, 338.009



71, 54.827, 306.731



48, 9.826, 338.114



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, 47.614, 340.350



72, 56.455, 341.117



75, 39.053, 13.094



50, 6.996, 337.809



42, 71.469, 350.217



11, 33.702, 346.690

Inverse Universe

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



76, 47.614, 340.350



72, 56.455, 341.117



94, 31.894, 185.136



50, 6.996, 337.809



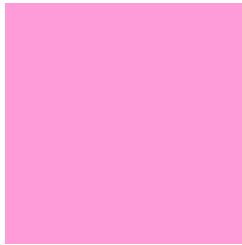
42, 71.469, 350.217



11, 33.702, 346.690

Previews

White Background



This preview shows how the CIELCh color 76, 47.617, 340.349 looks on a white background.

Color Contrast Check

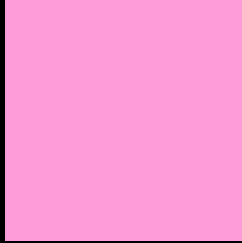
Large Text (above 18pt) WCAG AA × Fail

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, 47.617, 340.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

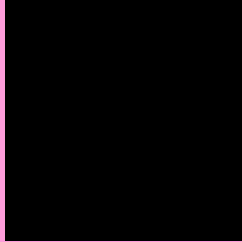
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 47.617, 340.349

Background



This preview shows how black text looks on a background with the CIELCh color 76, 47.617, 340.349.



This preview shows how white text looks on a background with the CIELCh color 76, 47.617, 340.349.

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, 47.617, 340.349

Protanopia

76, 28.112, 285.485

Deuteranopia

76, 16.696, 305.048



Tritanopia
76, 33.661, 11.741

Trichromacy



Original Color
76, 47.617, 340.349



Protanomaly
76, 31.944, 310.826



Deuteranomaly
76, 27.390, 326.158

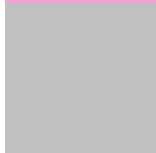


Tritanomaly
76, 37.285, 357.846

Monochromacy



Original Color
76, 47.617, 340.349



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 17.774, 339.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 47.617, 340.349 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, 156, 218)` looks like.

```
.text, #text, p{  
    color:rgb(254, 156, 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, 156, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 156, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 47.617, 340.349 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, 156, 218) }
```

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

```
.border{ border-color:rgb(254, 156, 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, 156, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 156, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 156, 218);  
box-shadow:4px 4px 4px 4px rgb(254, 156,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 47.617, 340.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 156, 218) }
```

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

```
.background{ background-color: rgb(254,  
156, 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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