

Converting Colors

CIELCh(78, 53.146, 348.286)

Have a look what the booklet for
CIELCh(78, 53.146, 348.286)
contains.

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Color

CIELCh(76, 47.808, 342.410)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BD7
RGB	255, 155, 215
RGB Percent	100%, 61%, 84%
CMY	0.0000, 0.3917, 0.1563
CMYK	0.00, 0.39, 0.16, 0.00
HSL	324°, 100%, 80%
HSV	324°, 39%, 100%
XYZ	65.7146, 49.8872, 70.5543
YIQ	191.7400, 40.3400, 39.8600

Conversions

Conversions Part 2

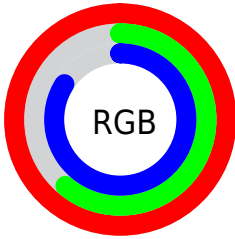
Format	Color
R _{YB}	255, 155, 215
Decimal	16751575
CIE _{Lab}	76.00, 45.57, -14.45
CIE _{LCh}	76, 47.808, 342.410
Yxy	49.8872, 0.3530, 0.2680
Android (android.graphics.Color)	4294941655 (0xFFFF9BD7)
YUV	191.7400, 11.4672, 55.4790
Hunter-Lab	70.6309, 42.4713, -9.7841

Details

The CIELCh color **76, 47.808, 342.410** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 46.320, 154.912**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 27.578, 325.385**, and **56, 47.800, 342.274** is the 20% darker color. If you saturate the color by 10%, you get **71, 58.850, 343.138**, and if you desaturate by 10%, it is **82, 35.494, 340.999**.

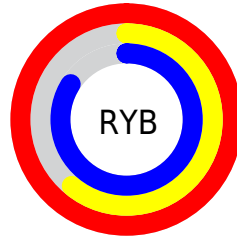
Distribution



Red (100%)

Green (61%)

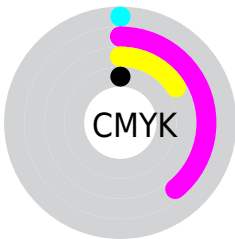
Blue (84%)



Red (100%)

Yellow (61%)

Blue (84%)

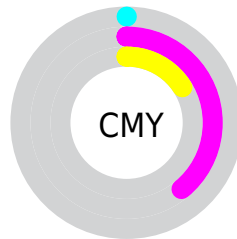


Cyan (0%)

Magenta (39%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 47.808, 342.410 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, 47.808, 342.410 by changing the saturation by 10% instead.


 76, 47.808,
342.410


 76, 47.808,
342.410


 100, 47.808,
342.410


 66, 47.808,
342.410


 96, 47.808,
342.410

 56, 47.808,
342.410

 46, 47.808,
342.410

 36, 47.808,
342.410

 26, 47.808,
342.410

 16, 47.808,
342.410

 6, 47.808, 342.410

76, 47.808,
342.410

76, 47.808,
342.410

71, 58.850,
343.138

82, 35.494,
340.999

66, 69.012,
344.450

88, 23.245,
340.090

62, 77.356,
346.009

94, 11.028,
339.245

59, 83.287,
347.916

100, 0.012,
296.813

57, 86.454,
350.294

56, 87.113,
353.237

■ 56, 87.129,
353.496

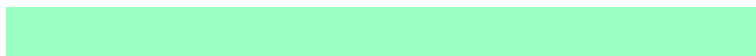
Harmonies

Complementary

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



76, 47.808, 342.410



93, 46.320, 154.912

Rectangle

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



76, 47.808, 342.410



76, 47.808, 32.410



76, 47.808, 162.410



76, 47.808, 212.410

Sweetspot

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



76, 47.498, 342.004



92, 14.474, 339.481



71, 55.965, 307.308



48, 9.611, 339.590



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, 47.498, 342.004



72, 56.471, 342.879



75, 39.837, 14.469



50, 6.842, 339.273



42, 70.390, 352.894



11, 33.166, 348.887

Inverse Universe

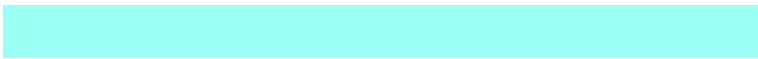
The Inverse Universe completely reimagines the original color for something new.



76, 47.498, 342.004



72, 56.471, 342.879



94, 32.117, 186.556



50, 6.842, 339.273



42, 70.390, 352.894



11, 33.166, 348.887

Previews

White Background



This preview shows how the CIELCh color 76, 47.808, 342.410 looks on a white background.

Color Contrast Check

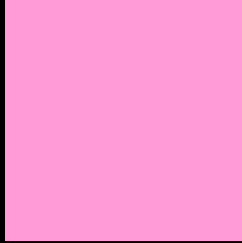
Large Text (above 18pt) WCAG AA × Fail

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, 47.808, 342.410 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, 47.808, 342.410

Background



This preview shows how black text looks on a background with the CIELCh color 76, 47.808, 342.410.



This preview shows how white text looks on a background with the CIELCh color 76, 47.808, 342.410.

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
76, 34.865, 12.260

Trichromacy



Original Color
76, 47.526, 342.059



Protanomaly
75, 31.071, 312.053



Deuteranomaly
75, 26.973, 328.818

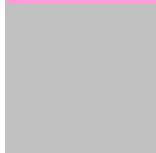


Tritanomaly
76, 38.000, 358.454

Monochromacy



Original Color
76, 47.526, 342.059



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 17.439, 340.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 47.808, 342.410 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, 155, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 215)  
}
```

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, 155, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 47.808, 342.410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

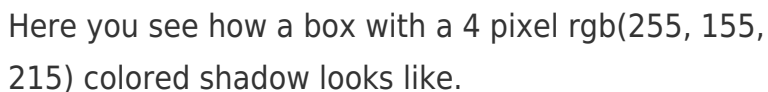
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 155, 215) }
```

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

```
.border{ border-color:rgb(255, 155, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 155, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 47.808, 342.410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 215) }
```

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

```
.background{ background-color: rgb(255,  
155, 215) }
```

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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