

Converting Colors

CIELCh(76, 41.738, 346.631)

Have a look what the booklet for
CIELCh(76, 41.738, 346.631)
contains.

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Color

CIELCh(76, 41.602, 346.629)

Conversions

Conversions Part 1

Format	Color
Hex	FB9FCE
RGB	251, 159, 206
RGB Percent	98%, 62%, 81%
CMY	0.0148, 0.3756, 0.1913
CMYK	0.00, 0.37, 0.18, 0.01
HSL	329°, 92%, 80%
HSV	329°, 37%, 99%
XYZ	63.4673, 49.8872, 64.8140
YIQ	191.8660, 39.7450, 34.1210

Conversions

Conversions Part 2

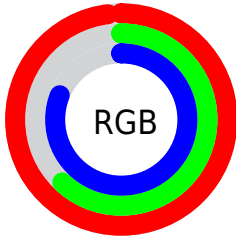
Format	Color
R_{YB}	251, 159, 206
Decimal	16490446
CIE _{Lab}	76.00, 40.47, -9.62
CIE _{LCh}	76, 41.602, 346.629
Yxy	49.8872, 0.3562, 0.2800
Android (android.graphics.Color)	4294680526 (0xFFFB9FCE)
YUV	191.8660, 6.9681, 51.8605
Hunter-Lab	70.6309, 36.7920, -4.9654

Details

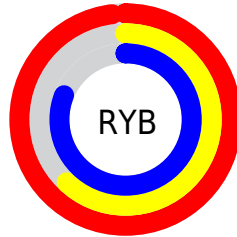
The CIELCh color $76, 41.602, 346.629$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 39.891, 159.510$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.059, 325.297$, and $56, 41.550, 346.572$ is the 20% darker color. If you saturate the color by 10%, you get $71, 52.573, 347.940$, and if you desaturate by 10%, it is $82, 30.200, 345.495$.

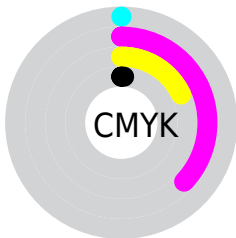
Distribution



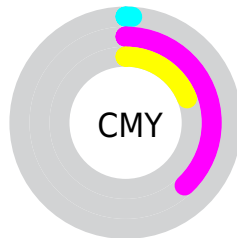
- Red (98%)
- Green (62%)
- Blue (81%)



- Red (98%)
- Yellow (62%)
- Blue (81%)



- Cyan (0%)
- Magenta (37%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (38%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 41.602, 346.629 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, 41.602, 346.629 by changing the saturation by 10% instead.


 76, 41.602,
346.629


 76, 41.602,
346.629


 100, 41.602,
346.629


 66, 41.602,
346.629


 96, 41.602,
346.629

 56, 41.602,
346.629

 46, 41.602,
346.629

 36, 41.602,
346.629

 26, 41.602,
346.629

 16, 41.602,
346.629

 6, 41.602, 346.629

0, 41.602, 346.629

76, 41.602,
346.629

76, 41.602,
346.629

71, 52.573,
347.940

82, 30.200,
345.495

66, 62.650,
349.491

88, 18.718,
344.489

61, 71.249,
351.378

94, 7.376, 343.556

58, 77.785,
353.730

100, 1.310,
199.828

56, 81.859,
356.708

54, 83.522, 0.465

 54, 83.817, 1.858

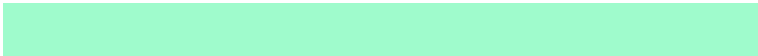
Harmonies

Complementary

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



76, 41.602, 346.629



92, 39.891, 159.510

Rectangle

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



76, 41.602, 346.629



76, 41.602, 36.629



76, 41.602, 166.629



76, 41.602, 216.629

Sweetspot

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



76, 41.599, 346.630



93, 12.460, 343.962



73, 52.122, 310.368



49, 8.385, 344.088



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, 41.599, 346.630



73, 50.361, 347.581



75, 36.975, 21.606



49, 6.323, 343.823



41, 67.699, 1.045



10, 31.170, 355.370

Inverse Universe

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



76, 41.599, 346.630



73, 50.361, 347.581



93, 28.761, 196.028



49, 6.323, 343.823



41, 67.699, 1.045



10, 31.170, 355.370

Previews

White Background



This preview shows how the CIELCh color 76, 41.602, 346.629 looks on a white background.

Color Contrast Check

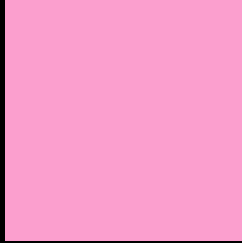
Large Text (above 18pt) WCAG AA × Fail

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, 41.602, 346.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

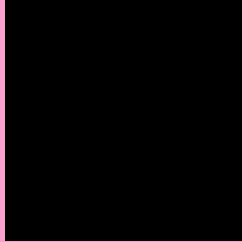
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 41.602, 346.629

Background



This preview shows how black text looks on a background with the CIELCh color 76, 41.602, 346.629.

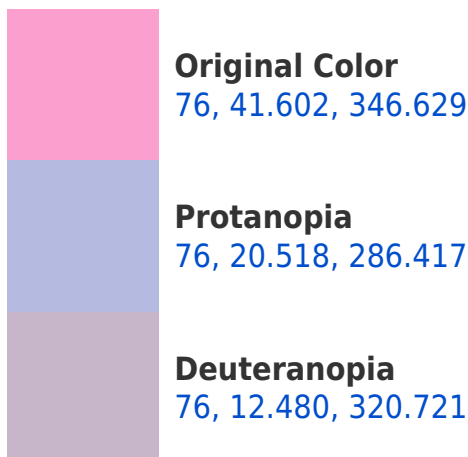


This preview shows how white text looks on a background with the CIELCh color 76, 41.602, 346.629.

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, 32.848, 11.373

Trichromacy



Original Color
76, 41.602, 346.629



Protanomaly
76, 25.109, 316.999



Deuteranomaly
76, 22.801, 336.467

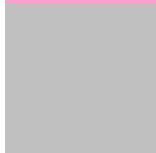


Tritanomaly
76, 35.100, 0.652

Monochromacy



Original Color
76, 41.602, 346.629



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 15.581, 344.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 41.602, 346.629 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(251, 159, 206)` looks like.

```
.text, #text, p{  
    color:rgb(251, 159, 206)  
}
```

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(251, 159, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 159, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 41.602, 346.629 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(251, 159, 206) }
```

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

```
.border{ border-color:rgb(251, 159, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 159, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 159, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 159, 206);  
box-shadow:4px 4px 4px 4px rgb(251, 159,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 41.602, 346.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 159, 206) }
```

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

```
.background{ background-color: rgb(251,  
159, 206) }
```

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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