

Converting Colors

CIELCh(76, 40.027, 353.834)

Have a look what the booklet for
CIELCh(76, 40.027, 353.834)
contains.

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Color

CIELCh(76, 40.428, 353.571)

Conversions

Conversions Part 1

Format	Color
Hex	FE9FC5
RGB	254, 159, 197
RGB Percent	100%, 62%, 77%
CMY	0.0040, 0.3765, 0.2275
CMYK	0.00, 0.37, 0.22, 0.00
HSL	336°, 98%, 81%
HSV	336°, 37%, 100%
XYZ	63.3365, 49.8872, 59.1032
YIQ	191.7370, 44.4220, 31.9580

Conversions

Conversions Part 2

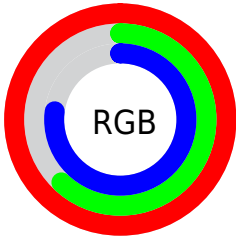
Format	Color
R_{YB}	254, 159, 197
Decimal	16687045
CIE _{Lab}	76.00, 40.17, -4.53
CIE _{LCh}	76, 40.428, 353.571
Yxy	49.8872, 0.3675, 0.2895
Android (android.graphics.Color)	4294877125 (0xFFFE9FC5)
YUV	191.7370, 2.5947, 54.6047
Hunter-Lab	70.6309, 36.4613, -0.1717

Details

The CIELCh color $76, 40.428, 353.571$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 37.526, 165.572$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 24.640, 325.978$, and $56, 40.362, 354.052$ is the 20% darker color. If you saturate the color by 10%, you get $70, 51.108, 355.174$, and if you desaturate by 10%, it is $82, 29.445, 352.227$.

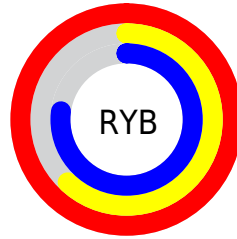
Distribution



Red (100%)

Green (62%)

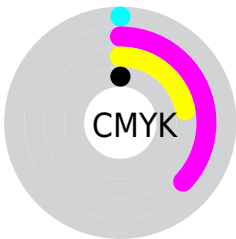
Blue (77%)



Red (100%)

Yellow (62%)

Blue (77%)

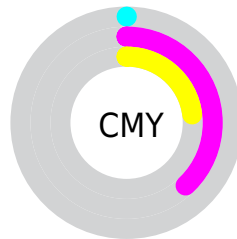


Cyan (0%)

Magenta (37%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 40.428, 353.571 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, 40.428, 353.571 by changing the saturation by 10% instead.


 76, 40.428,
353.571


 76, 40.428,
353.571


 100, 40.428,
353.571


 66, 40.428,
353.571


 96, 40.428,
353.571

 56, 40.428,
353.571

 46, 40.428,
353.571

 36, 40.428,
353.571

 26, 40.428,
353.571

 16, 40.428,
353.571

 6, 40.428, 353.571

0, 40.428, 353.571

76, 40.428,
353.571

76, 40.428,
353.571

70, 51.108,
355.174

82, 29.445,
352.227

65, 61.048,
357.127

88, 18.484,
351.065

61, 69.702,
359.565

95, 7.744, 350.020

58, 76.543, 2.659

100, 0.354,
201.255

56, 81.274, 6.592

54, 84.102, 11.468

54, 84.746, 12.812

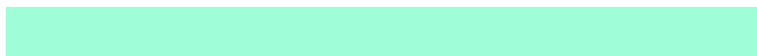
Harmonies

Complementary

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



76, 40.428, 353.571



93, 37.526, 165.572

Rectangle

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



76, 40.428, 353.571



76, 40.428, 43.571



76, 40.428, 173.571



76, 40.428, 223.571

Sweetspot

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



76, 40.425, 353.573



93, 11.613, 350.390



74, 54.625, 314.169



49, 7.819, 350.530



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, 40.425, 353.573



72, 48.749, 354.763



77, 35.221, 30.480



50, 5.988, 350.237



41, 68.326, 11.812



10, 31.301, 4.792

Inverse Universe

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



76, 40.425, 353.573



72, 48.749, 354.763



91, 26.671, 208.525



50, 5.988, 350.237



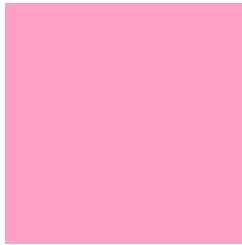
41, 68.326, 11.812



10, 31.301, 4.792

Previews

White Background



This preview shows how the CIELCh color 76, 40.428, 353.571 looks on a white background.

Color Contrast Check

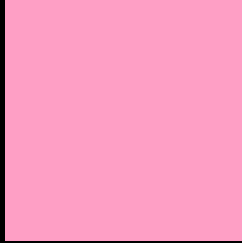
Large Text (above 18pt) WCAG AA × Fail

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, 40.428, 353.571 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, 40.428, 353.571

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.428, 353.571.

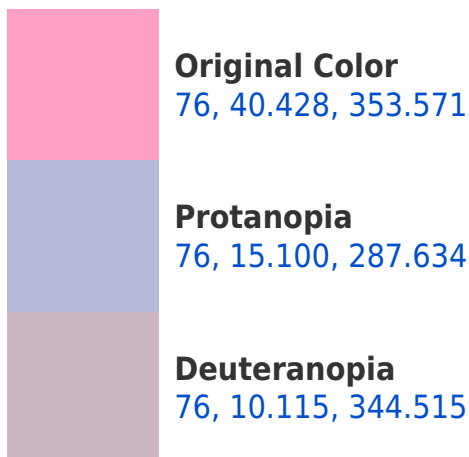


This preview shows how white text looks on a background with the CIELCh color 76, 40.428, 353.571.

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, 35.255, 12.421

Trichromacy



Original Color
76, 40.428, 353.571



Protanomaly
76, 21.028, 326.122



Deuteranomaly
76, 20.893, 350.473



Tritanomaly
76, 36.503, 5.271

Monochromacy



Original Color
76, 40.428, 353.571



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 15.079, 350.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.428, 353.571 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, 159, 197)` looks like.

```
.text, #text, p{  
    color:rgb(254, 159, 197)  
}
```

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, 159, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 159, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.428, 353.571 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, 159, 197) }
```

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

```
.border{ border-color:rgb(254, 159, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 159, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 159, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 159, 197);  
box-shadow:4px 4px 4px 4px rgb(254, 159,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.428, 353.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 159, 197) }
```

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

```
.background{ background-color: rgb(254,  
159, 197) }
```

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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