

Converting Colors

CIELCh(76, 38.922, 0.445)

Have a look what the booklet for
CIELCh(76, 38.922, 0.445) contains.

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Color

CIELCh(76, 38.760, 0.803)

Conversions

Conversions Part 1

Format	Color
Hex	FFA0BC
RGB	255, 160, 188
RGB Percent	100%, 63%, 74%
CMY	0.0010, 0.3735, 0.2637
CMYK	0.00, 0.37, 0.26, 0.00
HSL	342°, 99%, 81%
HSV	342°, 37%, 100%
XYZ	62.7217, 49.8872, 53.7626
YIQ	191.5970, 47.6320, 28.8480

Conversions

Conversions Part 2

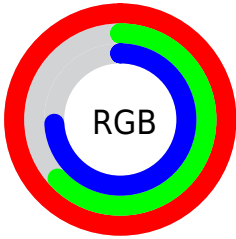
Format	Color
R _{YB}	255, 160, 188
Decimal	16752828
CIE _{Lab}	76.00, 38.76, 0.54
CIE _{LCh}	76, 38.760, 0.803
Yxy	49.8872, 0.3770, 0.2999
Android (android.graphics.Color)	4294942908 (0xFFFFA0BC)
YUV	191.5970, -1.7733, 55.6044
Hunter-Lab	70.6309, 34.9077, 4.3115

Details

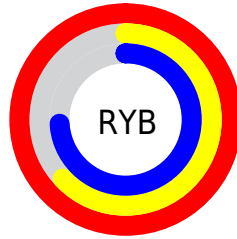
The CIELCh color **76, 38.760, 0.803** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 34.545, 172.485**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 20.078, 334.604**, and **56, 38.541, 0.676** is the 20% darker color. If you saturate the color by 10%, you get **70, 49.405, 2.620**, and if you desaturate by 10%, it is **82, 28.010, 359.312**.

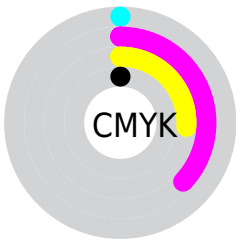
Distribution



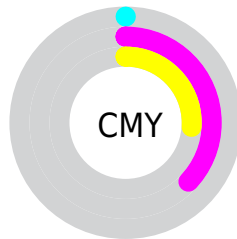
- Red (100%)
- Green (63%)
- Blue (74%)



- Red (100%)
- Yellow (63%)
- Blue (74%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 38.760, 0.803 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, 38.760, 0.803 by changing the saturation by 10% instead.

 76, 38.760, 0.803

 76, 38.760, 0.803

 100, 38.760, 0.803

 66, 38.760, 0.803

 96, 38.760, 0.803

 56, 38.760, 0.803

 46, 38.760, 0.803

 36, 38.760, 0.803

 26, 38.760, 0.803

 16, 38.760, 0.803

 6, 38.760, 0.803

 0, 38.760, 0.803

 76, 38.760, 0.803

 76, 38.760, 0.803

70, 49.405, 2.620

82, 28.010,
359.312

65, 59.560, 4.873

88, 17.436,
358.051

61, 68.739, 7.721

58, 76.485, 11.341

95, 7.199, 356.936

55, 82.574, 15.878

100, 0.092,
206.637

54, 87.240, 21.310

54, 88.466, 22.822

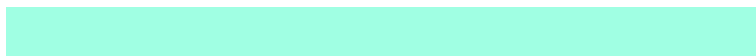
Harmonies

Complementary

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



76, 38.760, 0.803



94, 34.545, 172.485

Rectangle

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



76, 38.760, 0.803



76, 38.760, 50.803



76, 38.760, 180.803



76, 38.760, 230.803

Sweetspot

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



76, 38.757, 0.805



93, 10.968, 357.342



75, 55.501, 317.344



48, 7.390, 357.492



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, 38.757, 0.805



72, 47.041, 2.172



80, 32.790, 39.370



50, 5.651, 357.179



40, 70.866, 21.735



10, 31.482, 13.113

Inverse Universe

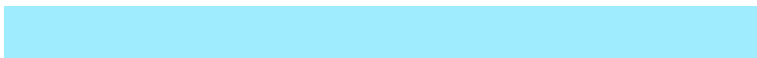
The Inverse Universe completely reimagines the original color for something new.



76, 38.757, 0.805



72, 47.041, 2.172



89, 25.031, 221.509



50, 5.651, 357.179



40, 70.866, 21.735



10, 31.482, 13.113

Previews

White Background



This preview shows how the CIELCh color 76, 38.760, 0.803 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, 38.760, 0.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

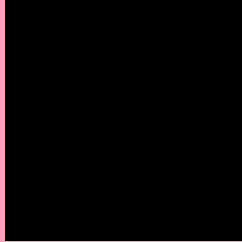
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 38.760, 0.803

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.760, 0.803.

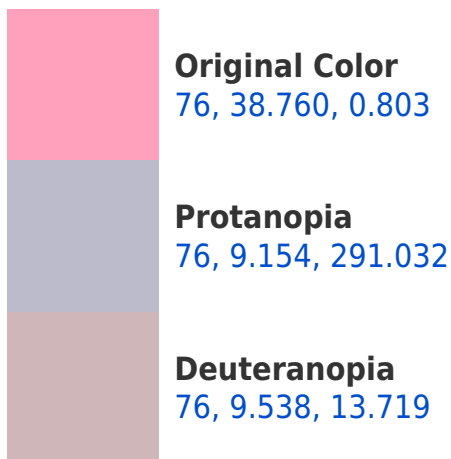


This preview shows how white text looks on a background with the CIELCh color 76, 38.760, 0.803.

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, 36.074, 12.756

Trichromacy



Original Color
76, 38.760, 0.803



Protanomaly
76, 17.191, 339.893



Deuteranomaly
76, 19.931, 4.063

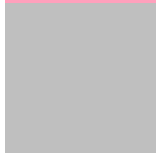


Tritanomaly
76, 37.075, 8.174

Monochromacy



Original Color
76, 38.760, 0.803



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 13.870, 357.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.760, 0.803 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, 160, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 188)  
}
```

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, 160, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.760, 0.803 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, 160, 188) }
```

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

```
.border{ border-color:rgb(255, 160, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 160, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 160, 188); box-shadow:4px 4px 4px 4px rgb(255, 160, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.760, 0.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 188) }
```

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

```
.background{ background-color: rgb(255,  
160, 188) }
```

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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