

Converting Colors

CIELCh(76, 38.263, 1.587)

Have a look what the booklet for
CIELCh(76, 38.263, 1.587) contains.

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Color

CIELCh(76, 38.282, 1.302)

Conversions

Conversions Part 1

Format	Color
Hex	FEA0BB
RGB	254, 160, 187
RGB Percent	100%, 63%, 73%
CMY	0.0033, 0.3720, 0.2661
CMYK	0.00, 0.37, 0.26, 0.00
HSL	343°, 98%, 81%
HSV	343°, 37%, 100%
XYZ	62.5127, 49.8872, 53.4300
YIQ	191.1840, 47.3570, 28.3250

Conversions

Conversions Part 2

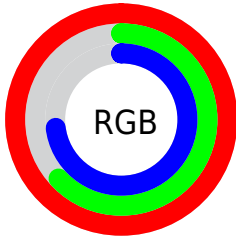
Format	Color
R_{YB}	254, 160, 187
Decimal	16687291
CIE _{Lab}	76.00, 38.27, 0.87
CIE _{LCh}	76, 38.282, 1.302
Yxy	49.8872, 0.3770, 0.3008
Android (android.graphics.Color)	4294877371 (0xFFFEA0BB)
YUV	191.1840, -2.0627, 55.0896
Hunter-Lab	70.6309, 34.3795, 4.5907

Details

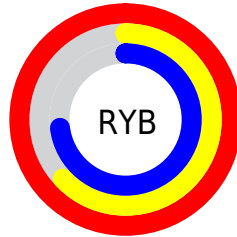
The CIELCh color **76, 38.282, 1.302** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 34.038, 173.063**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 19.718, 335.659**, and **56, 38.059, 1.184** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.920, 3.120**, and if you desaturate by 10%, it is **82, 27.564, 359.811**.

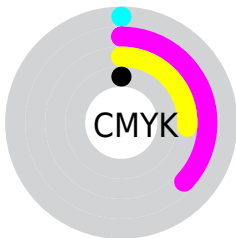
Distribution



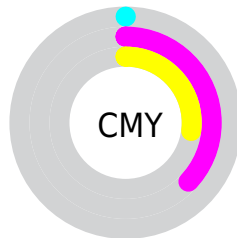
- Red (100%)
- Green (63%)
- Blue (73%)



- Red (100%)
- Yellow (63%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 38.282, 1.302 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, 38.282, 1.302 by changing the saturation by 10% instead.

 76, 38.282, 1.302

 76, 38.282, 1.302

 100, 38.282, 1.302

 66, 38.282, 1.302

 96, 38.282, 1.302

 56, 38.282, 1.302

 46, 38.282, 1.302

 36, 38.282, 1.302

 26, 38.282, 1.302

 16, 38.282, 1.302

 6, 38.282, 1.302

 0, 38.282, 1.302

 76, 38.282, 1.302

 76, 38.282, 1.302

70, 48.920, 3.120

82, 27.564,
359.811

65, 59.103, 5.376

88, 17.040,
358.552

61, 68.351, 8.227

57, 76.209, 11.849

95, 6.864, 357.435

55, 82.449, 16.387

100, 0.292,
201.659

54, 87.279, 21.815

54, 88.677, 23.494

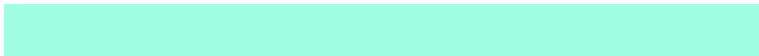
Harmonies

Complementary

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



76, 38.282, 1.302



93, 34.038, 173.063

Rectangle

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



76, 38.282, 1.302



76, 38.282, 51.302



76, 38.282, 181.302



76, 38.282, 231.302

Sweetspot

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



76, 38.279, 1.304



93, 10.928, 357.876



75, 54.959, 317.331



48, 7.364, 358.025



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, 38.279, 1.304



72, 45.892, 2.539



80, 32.430, 39.362



50, 5.630, 357.712



40, 71.139, 22.414



10, 31.516, 13.631

Inverse Universe

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



76, 38.279, 1.304



72, 45.892, 2.539



89, 24.819, 221.481



50, 5.630, 357.712



40, 71.139, 22.414



10, 31.516, 13.631

Previews

White Background



This preview shows how the CIELCh color 76, 38.282, 1.302 looks on a white background.

Color Contrast Check

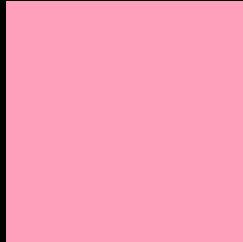
Large Text (above 18pt) WCAG AA × Fail

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, 38.282, 1.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

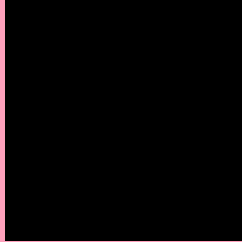
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 38.282, 1.302

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.282, 1.302.

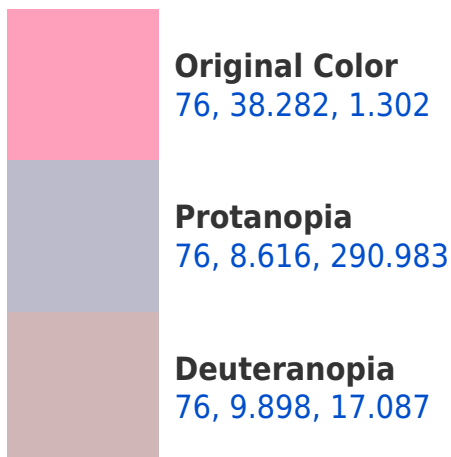


This preview shows how white text looks on a background with the CIELCh color 76, 38.282, 1.302.

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, 36.087, 11.916

Trichromacy



Original Color
76, 38.282, 1.302



Protanomaly
76, 16.575, 340.429



Deuteranomaly
76, 20.303, 4.429



Tritanomaly
76, 36.697, 7.971

Monochromacy



Original Color
76, 38.282, 1.302



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, 38.282, 1.302 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, 160, 187)` looks like.

```
.text, #text, p{  
    color:rgb(254, 160, 187)  
}
```

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, 160, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 160, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.282, 1.302 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, 160, 187) }
```

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

```
.border{ border-color:rgb(254, 160, 187) }
```

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

Here you see how a box with a 4 pixel rgb(254, 160, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 160, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 160, 187);  
box-shadow:4px 4px 4px 4px rgb(254, 160,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.282, 1.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 160, 187) }
```

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

```
.background{ background-color: rgb(254,  
160, 187) }
```

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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