

Converting Colors

CIELCh(76, 38.182, 2.701)

Have a look what the booklet for
CIELCh(76, 38.182, 2.701) contains.

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Color

CIELCh(76, 38.051, 2.848)

Conversions

Conversions Part 1

Format	Color
Hex	FEA0B9
RGB	254, 160, 185
RGB Percent	100%, 63%, 73%
CMY	0.0027, 0.3714, 0.2734
CMYK	0.00, 0.37, 0.27, 0.00
HSL	344°, 99%, 81%
HSV	344°, 37%, 100%
XYZ	62.3972, 49.8872, 52.3995
YIQ	190.9560, 47.9990, 27.7030

Conversions

Conversions Part 2

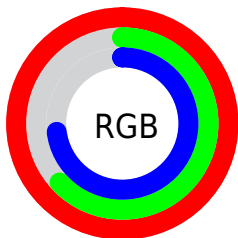
Format	Color
R_{YB}	254, 160, 185
Decimal	16687289
CIE _{Lab}	76.00, 38.00, 1.89
CIE _{LCh}	76, 38.051, 2.848
Yxy	49.8872, 0.3789, 0.3029
Android (android.graphics.Color)	4294877369 (0xFFFEA0B9)
YUV	190.9560, -2.9363, 55.2896
Hunter-Lab	70.6309, 34.0874, 5.4557

Details

The CIELCh color **76, 38.051, 2.848** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 33.513, 174.613**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 19.020, 337.893**, and **56, 37.836, 2.842** is the 20% darker color. If you saturate the color by 10%, you get **70, 48.717, 4.696**, and if you desaturate by 10%, it is **82, 27.350, 1.338**.

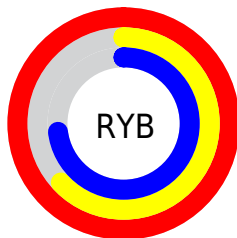
Distribution



Red (100%)

Green (63%)

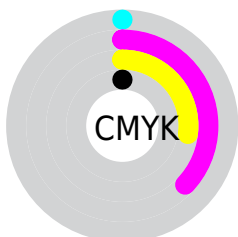
Blue (73%)



Red (100%)

Yellow (63%)

Blue (73%)

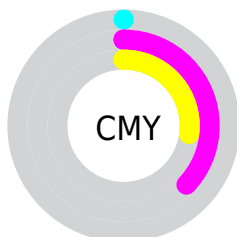


Cyan (0%)

Magenta (37%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 38.051, 2.848 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, 38.051, 2.848 by changing the saturation by 10% instead.

 76, 38.051, 2.848  76, 38.051, 2.848

 100, 38.051, 2.848  66, 38.051, 2.848

 96, 38.051, 2.848  56, 38.051, 2.848

 46, 38.051, 2.848

 36, 38.051, 2.848

 26, 38.051, 2.848

 16, 38.051, 2.848

 6, 38.051, 2.848

 0, 38.051, 2.848

 76, 38.051, 2.848  76, 38.051, 2.848

70, 48.717, 4.696

82, 27.350, 1.338

65, 58.983, 6.998

88, 16.878, 0.068

61, 68.383, 9.911

95, 6.781, 358.946

57, 76.477, 13.608

100, 0.237,
202.186

55, 83.044, 18.217

54, 88.282, 23.675

54, 89.815, 25.355

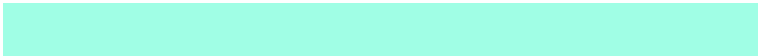
Harmonies

Complementary

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



76, 38.051, 2.848



94, 33.513, 174.613

Rectangle

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



76, 38.051, 2.848



76, 38.051, 52.848



76, 38.051, 182.848



76, 38.051, 232.848

Sweetspot

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



76, 38.048, 2.851



93, 10.822, 359.390



76, 55.300, 318.378



48, 7.294, 359.541



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, 38.048, 2.851



72, 45.670, 4.108



80, 31.838, 42.616



50, 5.575, 359.226



40, 71.962, 24.278



10, 31.617, 15.018

Inverse Universe

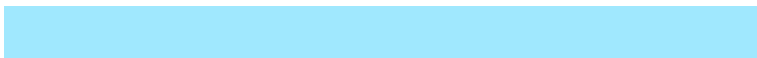
The Inverse Universe completely reimagines the original color for something new.



76, 38.048, 2.851



72, 45.670, 4.108



88, 24.571, 226.134



50, 5.575, 359.226



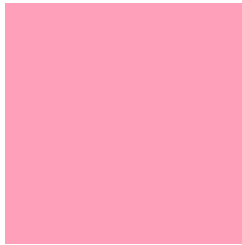
40, 71.962, 24.278



10, 31.617, 15.018

Previews

White Background



This preview shows how the CIELCh color 76, 38.051, 2.848 looks on a white background.

Color Contrast Check

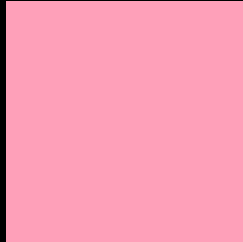
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 38.051, 2.848 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, 38.051, 2.848

Background



This preview shows how black text looks on a background with the CIELCh color 76, 38.051, 2.848.

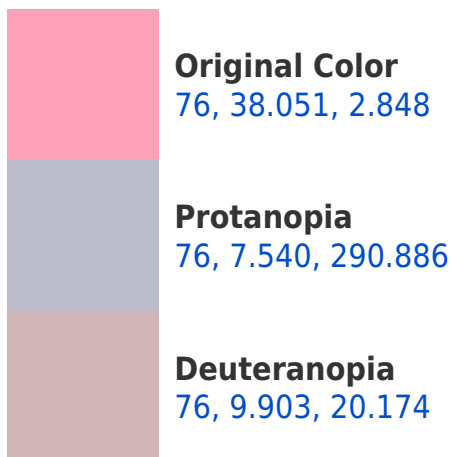


This preview shows how white text looks on a background with the CIELCh color 76, 38.051, 2.848.

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](#).

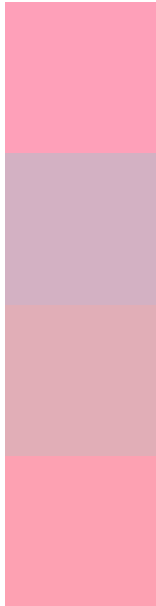
Dichromacy





Tritanopia
76, 36.074, 12.756

Trichromacy



Original Color
76, 38.051, 2.848

Protanomaly
76, 15.930, 343.425

Deuteranomaly
76, 20.101, 7.388

Tritanomaly
76, 36.644, 8.793

Monochromacy



Original Color
76, 38.051, 2.848

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 13.694, 0.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 38.051, 2.848 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(254, 160, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 160, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 38.051, 2.848 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, 185) }
```

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

```
.border{ border-color:rgb(254, 160, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 160, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 160, 185);  
box-shadow:4px 4px 4px 4px rgb(254, 160,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 38.051, 2.848 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, 185) }
```

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

```
.background{ background-color: rgb(254,  
160, 185) }
```

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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