

Converting Colors

CIELCh(76, 39.858, 358.466)

Have a look what the booklet for
CIELCh(76, 39.858, 358.466)
contains.

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Color

CIELCh(76, 39.701, 358.131)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FBF
RGB	255, 159, 191
RGB Percent	100%, 62%, 75%
CMY	0.0000, 0.3760, 0.2505
CMYK	0.00, 0.38, 0.25, 0.00
HSL	340°, 100%, 81%
HSV	340°, 38%, 100%
XYZ	63.1219, 49.8872, 55.6598
YIQ	191.3520, 46.9440, 30.3040

Conversions

Conversions Part 2

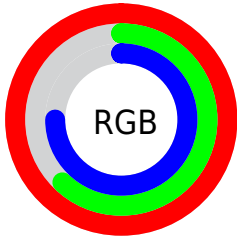
Format	Color
R _Y B	255, 159, 191
Decimal	16752575
CIE Lab	76.00, 39.68, -1.29
CIE LCh	76, 39.701, 358.131
Yxy	49.8872, 0.3742, 0.2958
Android (android.graphics.Color)	4294942655 (0xFFFF9FBF)
YUV	191.3520, -0.1735, 55.8193
Hunter-Lab	70.6309, 35.9189, 2.7189

Details

The CIELCh color $76, 39.701, 358.131$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $94, 35.897, 169.765$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 21.826, 331.507$, and $56, 39.489, 357.854$ is the 20% darker color. If you saturate the color by 10%, you get $70, 50.293, 359.851$, and if you desaturate by 10%, it is $82, 28.829, 356.643$.

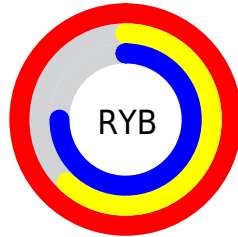
Distribution



Red (100%)

Green (62%)

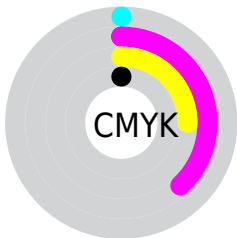
Blue (75%)



Red (100%)

Yellow (62%)

Blue (75%)

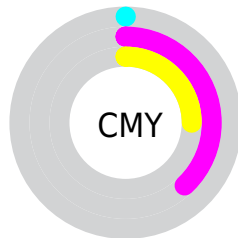


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 39.701, 358.131 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, 39.701, 358.131 by changing the saturation by 10% instead.


 76, 39.701,
358.131


 76, 39.701,
358.131


 100, 39.701,
358.131


 66, 39.701,
358.131


 96, 39.701,
358.131

 56, 39.701,
358.131

 46, 39.701,
358.131

 36, 39.701,
358.131

 26, 39.701,
358.131

 16, 39.701,
358.131

 6, 39.701, 358.131

0, 39.701, 358.131

76, 39.701,
358.131

76, 39.701,
358.131

70, 50.293,
359.851

82, 28.829,
356.643

65, 60.327, 2.018

88, 18.110,
355.407

61, 69.247, 4.748

95, 7.678, 354.310

58, 76.571, 8.221

100, 0.012,
296.813

55, 82.062, 12.602

54, 85.979, 17.916

54, 86.879, 19.237

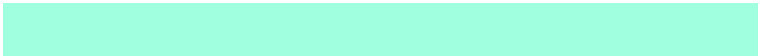
Harmonies

Complementary

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



76, 39.701, 358.131



94, 35.897, 169.765

Rectangle

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



76, 39.701, 358.131



76, 39.701, 48.131



76, 39.701, 178.131



76, 39.701, 228.131

Sweetspot

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



76, 39.655, 358.097



93, 11.186, 354.675



75, 55.541, 315.774



48, 7.535, 354.822



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, 39.655, 358.097



72, 47.568, 359.361



78, 34.241, 34.771



50, 5.766, 354.515



40, 69.646, 18.159



10, 31.346, 10.276

Inverse Universe

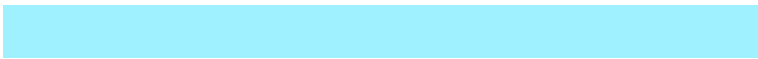
The Inverse Universe completely reimagines the original color for something new.



76, 39.655, 358.097



72, 47.568, 359.361



90, 25.894, 214.809



50, 5.766, 354.515



40, 69.646, 18.159



10, 31.346, 10.276

Previews

White Background



This preview shows how the CIELCh color 76, 39.701, 358.131 looks on a white background.

Color Contrast Check

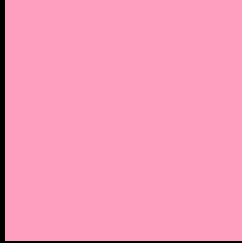
Large Text (above 18pt) WCAG AA × Fail

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, 39.701, 358.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

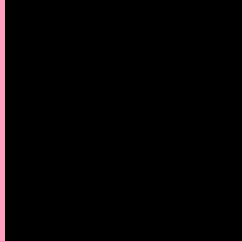
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 39.701, 358.131

Background



This preview shows how black text looks on a background with the CIELCh color 76, 39.701, 358.131.

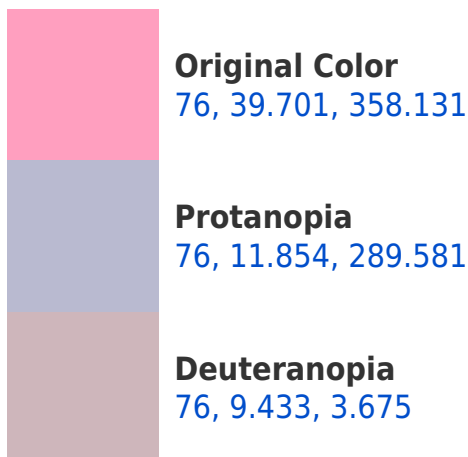


This preview shows how white text looks on a background with the CIELCh color 76, 39.701, 358.131.

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, 39.701, 358.131



Protanomaly
75, 18.773, 332.828



Deuteranomaly
76, 20.351, 359.688

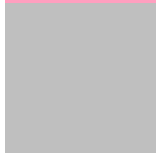


Tritanomaly
76, 37.134, 7.363

Monochromacy



Original Color
76, 39.701, 358.131



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 14.631, 354.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 39.701, 358.131 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, 159, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 191)  
}
```

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, 159, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 39.701, 358.131 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, 159, 191) }
```

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

```
.border{ border-color:rgb(255, 159, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 39.701, 358.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 191) }
```

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

```
.background{ background-color: rgb(255,  
159, 191) }
```

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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