

Converting Colors

CIELCh(76, 40.052, 356.853)

Have a look what the booklet for
CIELCh(76, 40.052, 356.853)
contains.

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Color

CIELCh(76, 40.022, 356.688)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FC1
RGB	255, 159, 193
RGB Percent	100%, 62%, 76%
CMY	0.0001, 0.3766, 0.2433
CMYK	0.00, 0.38, 0.24, 0.00
HSL	339°, 100%, 81%
HSV	339°, 38%, 100%
XYZ	63.2414, 49.8872, 56.7289
YIQ	191.5800, 46.3020, 30.9260

Conversions

Conversions Part 2

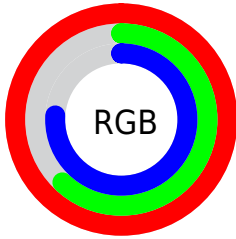
Format	Color
R _Y B	255, 159, 193
Decimal	16752577
CIE Lab	76.00, 39.96, -2.31
CIE LCh	76, 40.022, 356.688
Yxy	49.8872, 0.3723, 0.2937
Android (android.graphics.Color)	4294942657 (0xFFFF9FC1)
YUV	191.5800, 0.7001, 55.6193
Hunter-Lab	70.6309, 36.2211, 1.8214

Details

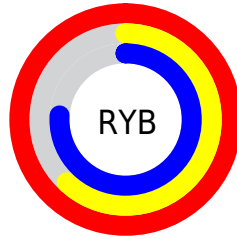
The CIELCh color **76, 40.022, 356.688** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 36.516, 168.412**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 22.605, 329.781**, and **56, 39.814, 356.311** is the 20% darker color. If you saturate the color by 10%, you get **70, 50.664, 358.403**, and if you desaturate by 10%, it is **82, 29.146, 355.264**.

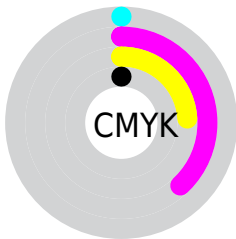
Distribution



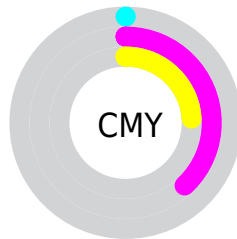
- Red (100%)
- Green (62%)
- Blue (76%)



- Red (100%)
- Yellow (62%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 40.022, 356.688 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, 40.022, 356.688 by changing the saturation by 10% instead.

 76, 40.022,
356.688

 76, 40.022,
356.688

 100, 40.022,
356.688


 66, 40.022,
356.688

 96, 40.022,
356.688

 56, 40.022,
356.688

 46, 40.022,
356.688

 36, 40.022,
356.688

 26, 40.022,
356.688

 16, 40.022,
356.688

 6, 40.022, 356.688

0, 40.022, 356.688

76, 40.022,
356.688

76, 40.022,
356.688

70, 50.664,
358.403

82, 29.146,
355.264

65, 60.654, 0.513

88, 18.349,
354.047

61, 69.466, 3.164

95, 7.817, 352.963

58, 76.606, 6.537

100, 0.016,
246.288

55, 81.822, 10.804

54, 85.372, 16.016

54, 86.159, 17.292

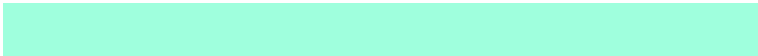
Harmonies

Complementary

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



76, 40.022, 356.688



93, 36.516, 168.412

Rectangle

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



76, 40.022, 356.688



76, 40.022, 46.688



76, 40.022, 176.688



76, 40.022, 226.688

Sweetspot

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



76, 40.019, 356.690



93, 11.311, 353.319



74, 55.457, 315.246



48, 7.618, 353.464



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, 40.019, 356.690



72, 47.894, 357.916



78, 34.705, 33.313



50, 5.831, 353.161



40, 69.134, 16.229



10, 31.302, 8.661

Inverse Universe

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



76, 40.019, 356.690



72, 47.894, 357.916



91, 26.213, 212.663



50, 5.831, 353.161



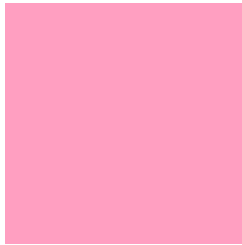
40, 69.134, 16.229



10, 31.302, 8.661

Previews

White Background



This preview shows how the CIELCh color 76, 40.022, 356.688 looks on a white background.

Color Contrast Check

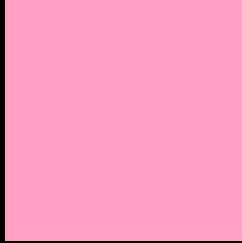
Large Text (above 18pt) WCAG AA × Fail

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, 40.022, 356.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

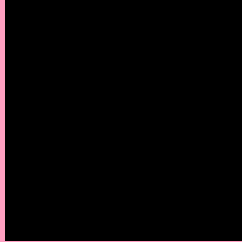
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 40.022, 356.688

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.022, 356.688.

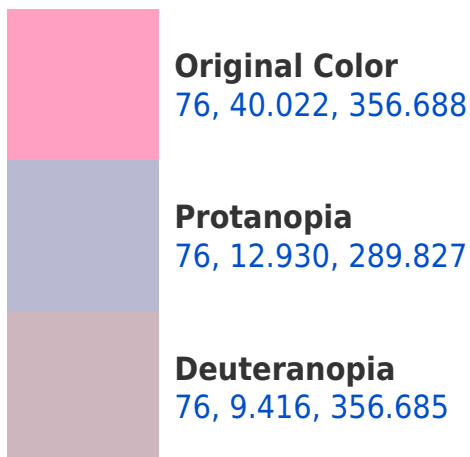


This preview shows how white text looks on a background with the CIELCh color 76, 40.022, 356.688.

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, 40.022, 356.688



Protanomaly
76, 19.567, 330.700



Deuteranomaly
76, 20.351, 356.394



Tritanomaly
76, 37.201, 6.555

Monochromacy



Original Color
76, 40.022, 356.688



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 14.617, 354.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.022, 356.688 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.022, 356.688 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, 193) }
```

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

```
.border{ border-color:rgb(255, 159, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.022, 356.688 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, 193) }
```

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

```
.background{ background-color: rgb(255,  
159, 193) }
```

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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