

Converting Colors

CIELCh(76, 49.789, 339.991)

Have a look what the booklet for
CIELCh(76, 49.789, 339.991)
contains.

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Color

CIELCh(76, 49.660, 339.441)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BDD
RGB	255, 155, 221
RGB Percent	100%, 61%, 87%
CMY	0.0000, 0.3937, 0.1349
CMYK	0.00, 0.39, 0.13, 0.00
HSL	321°, 100%, 80%
HSV	321°, 39%, 100%
XYZ	66.1277, 49.8872, 74.2765
YIQ	192.4240, 38.4140, 41.7260

Conversions

Conversions Part 2

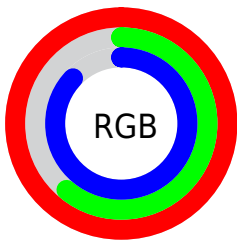
Format	Color
R _Y B	255, 155, 221
Decimal	16751581
CIE Lab	76.00, 46.50, -17.44
CIE LCh	76, 49.660, 339.441
Yxy	49.8872, 0.3475, 0.2622
Android (android.graphics.Color)	4294941661 (0xFFFF9BDD)
YUV	192.4240, 14.0880, 54.8792
Hunter-Lab	70.6309, 43.5154, -12.9086

Details

The CIELCh color $76, 49.660, 339.441$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 48.703, 152.489$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 27.578, 325.385$, and $56, 49.721, 339.130$ is the 20% darker color. If you saturate the color by 10%, you get $71, 61.176, 340.231$, and if you desaturate by 10%, it is $82, 37.118, 338.320$.

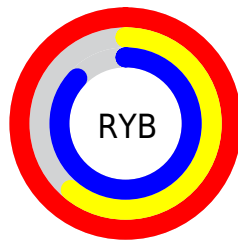
Distribution



Red (100%)

Green (61%)

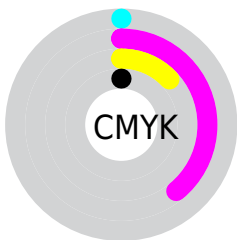
Blue (87%)



Red (100%)

Yellow (61%)

Blue (87%)

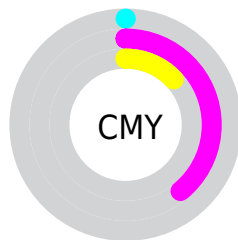


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 49.660, 339.441 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, 49.660, 339.441 by changing the saturation by 10% instead.


 76, 49.660,
339.441


 76, 49.660,
339.441


 100, 49.660,
339.441


 66, 49.660,
339.441


 96, 49.660,
339.441

 56, 49.660,
339.441

 46, 49.660,
339.441

 36, 49.660,
339.441

 26, 49.660,
339.441

 16, 49.660,
339.441

 6, 49.660, 339.441

■ 0, 49.660, 339.441

■ 76, 49.660,
339.441

■ 76, 49.660,
339.441

■ 71, 61.176,
340.231

■ 82, 37.118,
338.320

■ 66, 71.571,
341.364

■ 88, 24.431,
337.484

■ 62, 80.053,
342.680

■ 94, 11.740,
336.697

■ 59, 86.024,
344.251

■ 100, 0.012,
296.813

■ 57, 89.130,
346.176

■ 56, 89.632,
348.525

■ 56, 89.633,
348.680

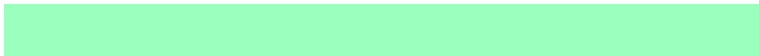
Harmonies

Complementary

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



76, 49.660, 339.441



93, 48.703, 152.489

Rectangle

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



76, 49.660, 339.441



76, 49.660, 29.441



76, 49.660, 159.441



76, 49.660, 209.441

Sweetspot

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



76, 49.507, 339.228



92, 15.060, 336.901



70, 56.039, 305.729



48, 9.999, 337.003



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, 49.507, 339.228



72, 58.498, 339.983



75, 40.092, 10.697



50, 7.121, 336.707



42, 72.435, 348.204



11, 34.159, 345.038

Inverse Universe

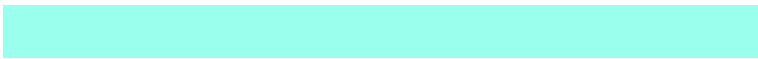
The Inverse Universe completely reimagines the original color for something new.



76, 49.507, 339.228



72, 58.498, 339.983



94, 33.210, 182.189



50, 7.121, 336.707



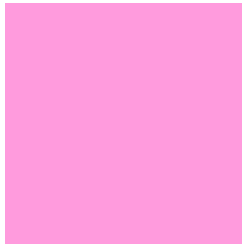
42, 72.435, 348.204



11, 34.159, 345.038

Previews

White Background



This preview shows how the CIELCh color 76, 49.660, 339.441 looks on a white background.

Color Contrast Check

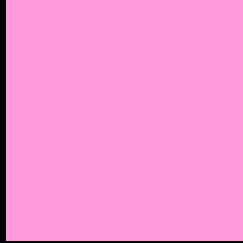
Large Text (above 18pt) WCAG AA × Fail

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, 49.660, 339.441 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, 49.660, 339.441

Background



This preview shows how black text looks on a background with the CIELCh color 76, 49.660, 339.441.



This preview shows how white text looks on a background with the CIELCh color 76, 49.660, 339.441.

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



Original Color
76, 49.397, 339.093

Protanopia
76, 30.823, 285.871

Deuteranopia
76, 18.129, 301.764



Tritanopia
76, 34.499, 11.219

Trichromacy



Original Color
76, 49.397, 339.093



Protanomaly
75, 34.004, 309.745



Deuteranomaly
76, 28.519, 323.676

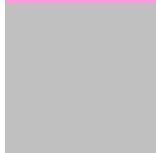


Tritanomaly
76, 38.319, 356.944

Monochromacy



Original Color
76, 49.397, 339.093



Achromatopsia
78, 0.009, 296.813



Achromatomaly
76, 18.756, 337.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 49.660, 339.441 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, 155, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 221)  
}
```

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, 155, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 49.660, 339.441 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, 155, 221) }
```

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

```
.border{ border-color:rgb(255, 155, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 155, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 155, 221); box-shadow:4px 4px 4px 4px rgb(255, 155, 221) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 49.660, 339.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 221) }
```

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

```
.background{ background-color: rgb(255,  
155, 221) }
```

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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