

Converting Colors

CIELCh(79, 42.603, 4.328)

Have a look what the booklet for
CIELCh(79, 42.603, 4.328) contains.

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Color

CIELCh(77, 37.094, 0.409)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4BF
RGB	255, 164, 191
RGB Percent	100%, 64%, 75%
CMY	0.0003, 0.3571, 0.2512
CMYK	0.00, 0.36, 0.25, 0.00
HSL	342°, 100%, 82%
HSV	342°, 36%, 100%
XYZ	63.8730, 51.5317, 55.8318
YIQ	194.2870, 45.5690, 27.6890

Conversions

Conversions Part 2

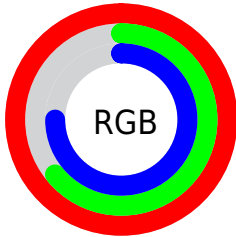
Format	Color
R _Y B	255, 164, 191
Decimal	16753855
CIE Lab	77.00, 37.09, 0.26
CIE LCh	77, 37.094, 0.409
Yxy	51.5317, 0.3730, 0.3009
Android (android.graphics.Color)	4294943935 (0xFFFFA4BF)
YUV	194.2870, -1.6205, 53.2453
Hunter-Lab	71.7856, 33.1999, 4.1367

Details

The CIELCh color $77, 37.094, 0.409$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $94, 33.256, 172.539$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $91, 18.697, 332.418$, and $57, 37.185, 0.409$ is the 20% darker color. If you saturate the color by 10%, you get $71, 47.784, 2.165$, and if you desaturate by 10%, it is $83, 26.347, 358.962$.

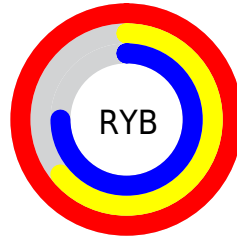
Distribution



Red (100%)

Green (64%)

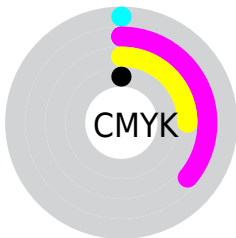
Blue (75%)



Red (100%)

Yellow (64%)

Blue (75%)

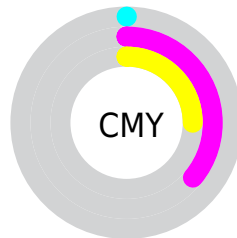


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 37.094, 0.409 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 77, 37.094, 0.409 by changing the saturation by 10% instead.

 77, 37.094, 0.409  77, 37.094, 0.409

 100, 37.094, 0.409  67, 37.094, 0.409

 97, 37.094, 0.409  57, 37.094, 0.409

 47, 37.094, 0.409

 37, 37.094, 0.409

 27, 37.094, 0.409

 17, 37.094, 0.409

 7, 37.094, 0.409

 0, 37.094, 0.409

 77, 37.094, 0.409  77, 37.094, 0.409

71, 47.784, 2.165

83, 26.347,
358.962

66, 58.049, 4.335

90, 15.805,
357.732

62, 67.411, 7.071

58, 75.395, 10.549

96, 5.617, 356.623

56, 81.723, 14.927

100, 0.027,
225.016

54, 86.535, 20.232

54, 88.427, 22.652

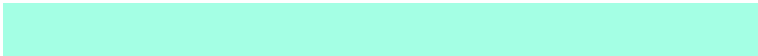
Harmonies

Complementary

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



77, 37.094, 0.409



94, 33.256, 172.539

Rectangle

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



77, 37.094, 0.409



77, 37.094, 50.409



77, 37.094, 180.409



77, 37.094, 230.409

Sweetspot

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



77, 37.091, 0.411



93, 10.978, 357.208



76, 53.149, 317.277



48, 7.397, 357.357



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 37.091, 0.411



73, 44.941, 1.657



80, 31.201, 39.330



50, 5.657, 357.045



40, 70.798, 21.562



10, 31.474, 12.981

Inverse Universe

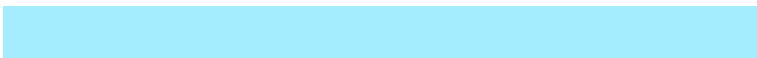
The Inverse Universe completely reimagines the original color for something new.



77, 37.091, 0.411



73, 44.941, 1.657



90, 24.139, 221.362



50, 5.657, 357.045



40, 70.798, 21.562



10, 31.474, 12.981

Previews

White Background



This preview shows how the CIELCh color 77, 37.094, 0.409 looks on a white background.

Color Contrast Check

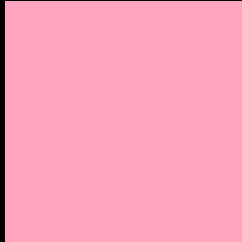
Large Text (above 18pt) WCAG AA × Fail

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 77, 37.094, 0.409 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 77, 37.094, 0.409

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.094, 0.409.

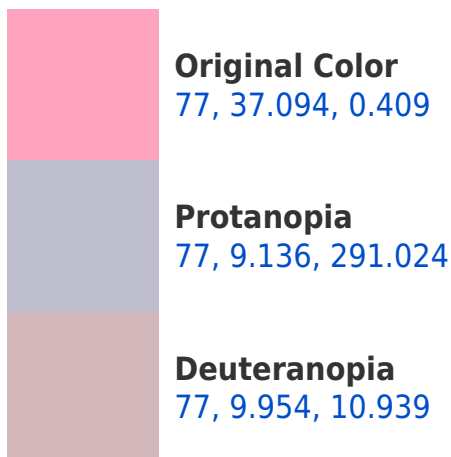


This preview shows how white text looks on a background with the CIELCh color 77, 37.094, 0.409.

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
77, 34.776, 11.328

Trichromacy



Original Color
77, 37.094, 0.409



Protanomaly
77, 16.596, 338.108



Deuteranomaly
77, 19.499, 3.649



Tritanomaly
77, 35.427, 7.255

Monochromacy



Original Color
77, 37.094, 0.409



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 13.478, 357.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 37.094, 0.409 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, 164, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 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, 164, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.094, 0.409 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, 164, 191) }
```

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

```
.border{ border-color:rgb(255, 164, 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, 164, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.094, 0.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 191) }
```

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

```
.background{ background-color: rgb(255,  
164, 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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