

Converting Colors

CIELCh(77, 37.592, 359.477)

Have a look what the booklet for
CIELCh(77, 37.592, 359.477)
contains.

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Color

CIELCh(77, 37.232, 359.626)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4C0
RGB	255, 164, 192
RGB Percent	100%, 64%, 75%
CMY	0.0006, 0.3574, 0.2476
CMYK	0.00, 0.36, 0.25, 0.00
HSL	342°, 100%, 82%
HSV	342°, 36%, 100%
XYZ	63.9335, 51.5317, 56.3648
YIQ	194.4010, 45.2480, 28.0000

Conversions

Conversions Part 2

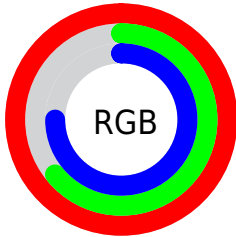
Format	Color
R _Y B	255, 164, 192
Decimal	16753856
CIE Lab	77.00, 37.23, -0.24
CIE LCh	77, 37.232, 359.626
Yxy	51.5317, 0.3721, 0.2999
Android (android.graphics.Color)	4294943936 (0xFFFFA4C0)
YUV	194.4010, -1.1837, 53.1453
Hunter-Lab	71.7856, 33.3502, 3.6964

Details

The CIELCh color **77, 37.232, 359.626** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 33.529, 171.768**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 19.079, 331.377**, and **57, 37.320, 359.577** is the 20% darker color. If you saturate the color by 10%, you get **71, 47.918, 1.364**, and if you desaturate by 10%, it is **83, 26.467, 358.191**.

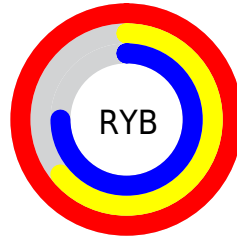
Distribution



Red (100%)

Green (64%)

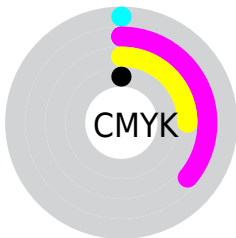
Blue (75%)



Red (100%)

Yellow (64%)

Blue (75%)

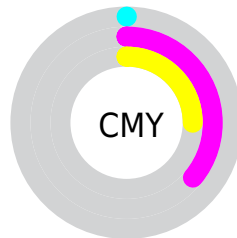


Cyan (0%)

Magenta (36%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 37.232, 359.626 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, 37.232, 359.626 by changing the saturation by 10% instead.


 77, 37.232,
359.626


 77, 37.232,
359.626


 100, 37.232,
359.626


 67, 37.232,
359.626

 97, 37.232,
359.626

 57, 37.232,
359.626

 47, 37.232,
359.626

 37, 37.232,
359.626

 27, 37.232,
359.626

 17, 37.232,
359.626

 7, 37.232, 359.626

0, 37.232, 359.626

77, 37.232,
359.626

77, 37.232,
359.626

71, 47.918, 1.364

83, 26.467,
358.191

66, 58.152, 3.509

90, 15.892,
356.968

62, 67.449, 6.209

58, 75.327, 9.643

96, 5.656, 355.863

56, 81.501, 13.973

100, 0.053,
212.073

54, 86.111, 19.242

54, 87.904, 21.652

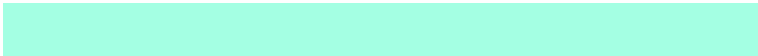
Harmonies

Complementary

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



77, 37.232, 359.626



94, 33.529, 171.768

Rectangle

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



77, 37.232, 359.626



77, 37.232, 49.626



77, 37.232, 179.626



77, 37.232, 229.626

Sweetspot

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



77, 37.229, 359.628



93, 11.038, 356.445



76, 52.987, 316.750



48, 7.436, 356.594



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, 37.229, 359.628



73, 45.080, 0.861



80, 31.524, 37.738



50, 5.688, 356.282



40, 70.427, 20.565



10, 31.431, 12.206

Inverse Universe

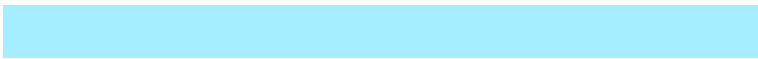
The Inverse Universe completely reimagines the original color for something new.



77, 37.229, 359.628



73, 45.080, 0.861



90, 24.319, 219.101



50, 5.688, 356.282



40, 70.427, 20.565



10, 31.431, 12.206

Previews

White Background



This preview shows how the CIELCh color 77, 37.232, 359.626 looks on a white background.

Color Contrast Check

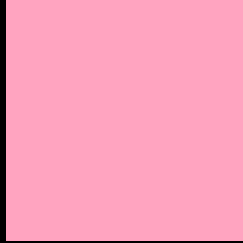
Large Text (above 18pt) WCAG AA × Fail

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, 37.232, 359.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

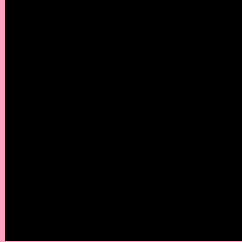
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 37.232, 359.626

Background



This preview shows how black text looks on a background with the CIELCh color 77, 37.232, 359.626.

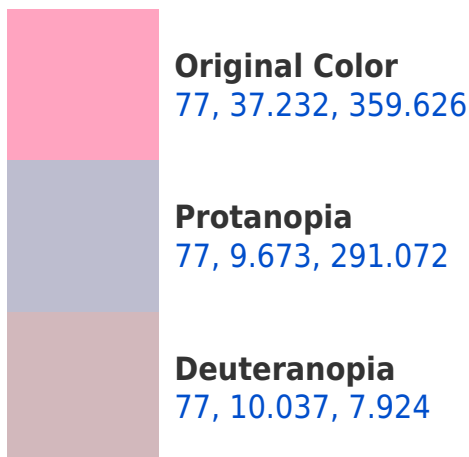


This preview shows how white text looks on a background with the CIELCh color 77, 37.232, 359.626.

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, 34.390, 11.155

Trichromacy



Original Color
77, 37.232, 359.626

Protanomaly
77, 16.596, 338.108

Deuteranomaly
77, 19.630, 2.145

Tritanomaly
77, 35.498, 6.411

Monochromacy



Original Color
77, 37.232, 359.626

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, 37.232, 359.626 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 37.232, 359.626 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, 192) }
```

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

```
.border{ border-color:rgb(255, 164, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 37.232, 359.626 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
164, 192) }
```

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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