

Converting Colors

CIELCh(78, 40.061, 4.269)

Have a look what the booklet for
CIELCh(78, 40.061, 4.269) contains.

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Color

CIELCh(77, 36.843, 1.994)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4BD
RGB	255, 164, 189
RGB Percent	100%, 64%, 74%
CMY	0.0000, 0.3565, 0.2585
CMYK	0.00, 0.36, 0.26, 0.00
HSL	344°, 100%, 82%
HSV	344°, 36%, 100%
XYZ	63.7539, 51.5317, 54.7743
YIQ	194.0590, 46.2110, 27.0670

Conversions

Conversions Part 2

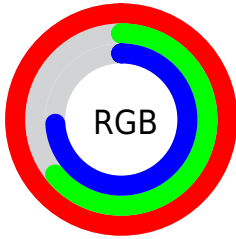
Format	Color
R _Y B	255, 164, 189
Decimal	16753853
CIE Lab	77.00, 36.82, 1.28
CIE LCh	77, 36.843, 1.994
Yxy	51.5317, 0.3749, 0.3030
Android (android.graphics.Color)	4294943933 (0xFFFFA4BD)
YUV	194.0590, -2.4941, 53.4453
Hunter-Lab	71.7856, 32.9037, 5.0101

Details

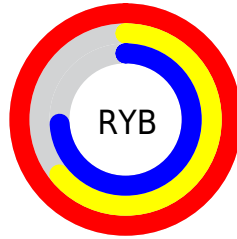
The CIELCh color $77, 36.843, 1.994$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $94, 32.706, 174.102$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 17.955, 334.637$, and $57, 36.576, 1.788$ is the 20% darker color. If you saturate the color by 10%, you get $71, 47.516, 3.759$, and if you desaturate by 10%, it is $83, 26.096, 0.506$.

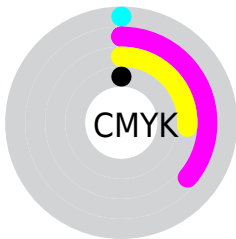
Distribution



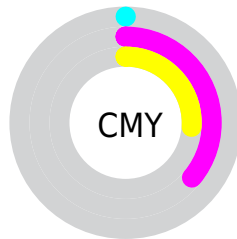
- Red (100%)
- Green (64%)
- Blue (74%)



- Red (100%)
- Yellow (64%)
- Blue (74%)



- Cyan (0%)
- Magenta (36%)
- Yellow (26%)
- Black (0%)



- Cyan (0%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 36.843, 1.994 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, 36.843, 1.994 by changing the saturation by 10% instead.

 77, 36.843, 1.994  77, 36.843, 1.994

 100, 36.843, 1.994  67, 36.843, 1.994

 97, 36.843, 1.994  57, 36.843, 1.994

 47, 36.843, 1.994

 37, 36.843, 1.994

 27, 36.843, 1.994

 17, 36.843, 1.994

 7, 36.843, 1.994

 0, 36.843, 1.994

 77, 36.843, 1.994

 77, 36.843, 1.994

71, 47.516, 3.759

83, 26.096, 0.506

66, 57.852, 5.974

90, 15.619,
359.265

62, 67.353, 8.773

96, 5.520, 358.148

58, 75.560, 12.329

100, 0.012,
296.813

55, 82.207, 16.787

54, 87.427, 22.141

54, 89.524, 24.580

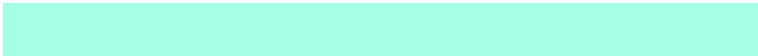
Harmonies

Complementary

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



77, 36.843, 1.994



94, 32.706, 174.102

Rectangle

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



77, 36.843, 1.994



77, 36.843, 51.994



77, 36.843, 181.994



77, 36.843, 231.994

Sweetspot

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



77, 36.810, 1.974



93, 10.867, 358.741



76, 53.272, 317.800



48, 7.323, 358.891



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, 36.810, 1.974



73, 44.694, 3.248



81, 30.874, 40.955



50, 5.598, 358.577



40, 71.602, 23.491



10, 31.573, 14.438

Inverse Universe

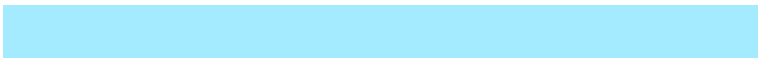
The Inverse Universe completely reimagines the original color for something new.



77, 36.810, 1.974



73, 44.694, 3.248



89, 23.979, 223.655



50, 5.598, 358.577



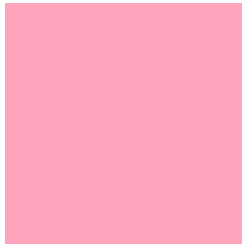
40, 71.602, 23.491



10, 31.573, 14.438

Previews

White Background



This preview shows how the CIELCh color 77, 36.843, 1.994 looks on a white background.

Color Contrast Check

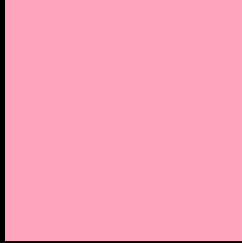
Large Text (above 18pt) WCAG AA × Fail

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, 36.843, 1.994 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, 36.843, 1.994

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.843, 1.994.



This preview shows how white text looks on a background with the CIELCh color 77, 36.843, 1.994.

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

77, 36.843, 1.994

Protanopia

77, 8.075, 293.464

Deuteranopia

77, 10.262, 17.229



Tritanopia
77, 34.754, 12.196

Trichromacy



Original Color
77, 36.843, 1.994



Protanomaly
77, 16.201, 341.877



Deuteranomaly
77, 19.658, 7.039

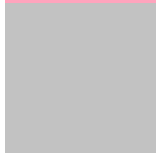


Tritanomaly
77, 35.364, 8.102

Monochromacy



Original Color
77, 36.843, 1.994



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 13.296, 359.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.843, 1.994 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.843, 1.994 is called "border". The border property can be set on classes, ids or directly on the HTML element.

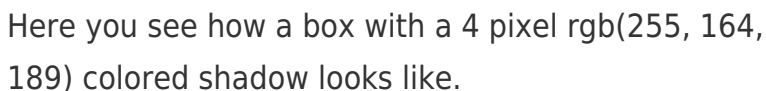
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 164, 189) }
```

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

```
.border{ border-color:rgb(255, 164, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 164, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 164, 189); box-shadow:4px 4px 4px 4px rgb(255, 164, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.843, 1.994 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
164, 189) }
```

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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