

Converting Colors

CIELCh(79, 33.454, 4.843)

Have a look what the booklet for
CIELCh(79, 33.454, 4.843) contains.

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Color

CIELCh(79, 33.146, 3.971)

Conversions

Conversions Part 1

Format	Color
Hex	FFADC1
RGB	255, 173, 193
RGB Percent	100%, 68%, 76%
CMY	0.0000, 0.3232, 0.2448
CMYK	0.00, 0.32, 0.24, 0.00
HSL	345°, 100%, 84%
HSV	345°, 32%, 100%
XYZ	65.9042, 54.9284, 57.3283
YIQ	199.7980, 42.4520, 23.6040

Conversions

Conversions Part 2

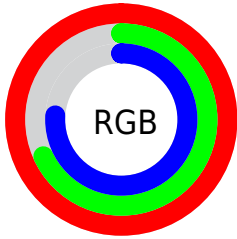
Format	Color
R _Y B	255, 173, 193
Decimal	16756161
CIE Lab	79.00, 33.07, 2.30
CIE LCh	79, 33.146, 3.971
Yxy	54.9284, 0.3699, 0.3083
Android (android.graphics.Color)	4294946241 (0xFFFFADC1)
YUV	199.7980, -3.3514, 48.4122
Hunter-Lab	74.1137, 29.0288, 6.0177

Details

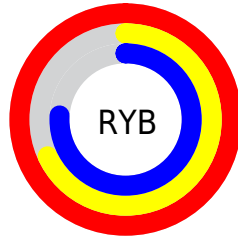
The CIELCh color **79, 33.146, 3.971** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.218, 176.880**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 13.837, 332.258**, and **59, 32.700, 3.557** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.676, 5.517**, and if you desaturate by 10%, it is **85, 22.311, 2.414**.

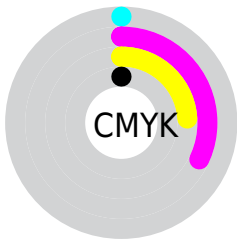
Distribution



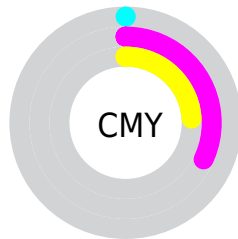
- Red (100%)
- Green (68%)
- Blue (76%)



- Red (100%)
- Yellow (68%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 33.146, 3.971 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 79, 33.146, 3.971 by changing the saturation by 10% instead.

 79, 33.146, 3.971  79, 33.146, 3.971

 100, 33.146, 3.971  69, 33.146, 3.971

 99, 33.146, 3.971  59, 33.146, 3.971

 49, 33.146, 3.971

 39, 33.146, 3.971

 29, 33.146, 3.971

 19, 33.146, 3.971

 9, 33.146, 3.971

 0, 33.146, 3.971

 79, 33.146, 3.971  79, 33.146, 3.971

73, 43.676, 5.517

85, 22.311, 2.414

68, 54.273, 7.626

92, 12.044, 1.223

63, 64.295, 10.286

98, 2.220, 0.006

59, 73.283, 13.665

100, 0.012,
296.813

56, 80.899, 17.910

54, 87.123, 23.040

54, 91.305, 27.310

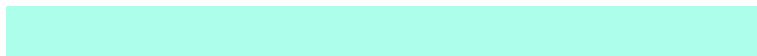
Harmonies

Complementary

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



79, 33.146, 3.971



94, 29.218, 176.880

Rectangle

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



79, 33.146, 3.971



79, 33.146, 53.971



79, 33.146, 183.971



79, 33.146, 233.971

Sweetspot

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



79, 32.919, 3.816



93, 9.718, 0.965



79, 48.591, 318.704



49, 6.653, 1.120



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 32.919, 3.816



75, 40.099, 4.912



83, 27.148, 44.339



50, 5.519, 0.911



40, 72.947, 26.238



10, 31.740, 16.427

Inverse Universe

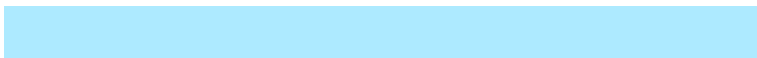
The Inverse Universe completely reimagines the original color for something new.



79, 32.919, 3.816



75, 40.099, 4.912



89, 21.849, 227.923



50, 5.519, 0.911



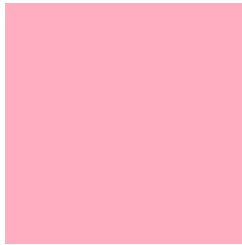
40, 72.947, 26.238



10, 31.740, 16.427

Previews

White Background



This preview shows how the CIELCh color 79, 33.146, 3.971 looks on a white background.

Color Contrast Check

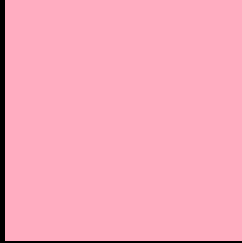
Large Text (above 18pt) WCAG AA × Fail

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 79, 33.146, 3.971 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 79, 33.146, 3.971

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.146, 3.971.



This preview shows how white text looks on a background with the CIELCh color 79, 33.146, 3.971.

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

79, 32.750, 3.694

Protanopia

79, 5.405, 298.327

Deuteranopia

79, 10.591, 17.347



Tritanopia
79, 31.429, 9.706

Trichromacy



Original Color

79, 32.750, 3.694



Protanomaly

79, 13.434, 349.516



Deuteranomaly

79, 18.694, 7.905



Tritanomaly

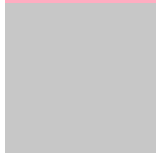
79, 32.021, 7.110

Monochromacy



Original Color

79, 32.750, 3.694



Achromatopsia

80, 0.010, 296.813



Achromatomaly

79, 11.985, 359.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.146, 3.971 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, 173, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.146, 3.971 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, 173, 193) }
```

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

```
.border{ border-color:rgb(255, 173, 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, 173, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.146, 3.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 193) }
```

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

```
.background{ background-color: rgb(255,  
173, 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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