

Converting Colors

CIELCh(80, 42.971, 11.231)

Have a look what the booklet for
CIELCh(80, 42.971, 11.231) contains.

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Color

CIELCh(78, 34.983, 6.997)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8BA
RGB	255, 168, 186
RGB Percent	100%, 66%, 73%
CMY	0.0000, 0.3399, 0.2694
CMYK	0.00, 0.34, 0.27, 0.00
HSL	348°, 100%, 83%
HSV	348°, 34%, 100%
XYZ	64.7255, 53.2120, 53.4875
YIQ	196.0650, 46.0740, 24.0420

Conversions

Conversions Part 2

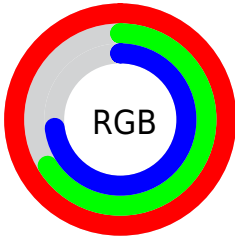
Format	Color
R _Y B	255, 168, 186
Decimal	16754874
CIE Lab	78.00, 34.72, 4.26
CIE LCh	78, 34.983, 6.997
Yxy	53.2120, 0.3776, 0.3104
Android (android.graphics.Color)	4294944954 (0xFFFFA8BA)
YUV	196.0650, -4.9620, 51.6860
Hunter-Lab	72.9466, 30.7265, 7.5886

Details

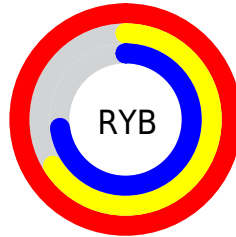
The CIELCh color **78, 34.983, 6.997** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 29.905, 179.410**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 14.459, 340.475**, and **58, 34.651, 6.997** is the 20% darker color. If you saturate the color by 10%, you get **72, 45.255, 8.472**, and if you desaturate by 10%, it is **84, 23.813, 5.229**.

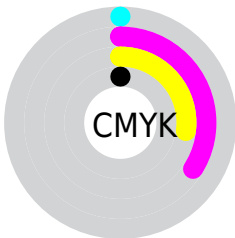
Distribution



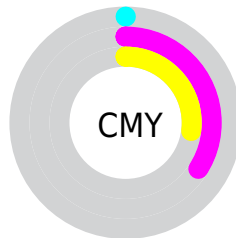
- Red (100%)
- Green (66%)
- Blue (73%)



- Red (100%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.983, 6.997 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 78, 34.983, 6.997 by changing the saturation by 10% instead.

 78, 34.983, 6.997

 78, 34.983, 6.997

 100, 34.983, 6.997

 68, 34.983, 6.997

 98, 34.983, 6.997

 58, 34.983, 6.997

 48, 34.983, 6.997

 38, 34.983, 6.997

 28, 34.983, 6.997

 18, 34.983, 6.997

 8, 34.983, 6.997

 0, 34.983, 6.997

 78, 34.983, 6.997

 78, 34.983, 6.997

72, 45.255, 8.472

84, 23.813, 5.229

67, 55.934, 10.706

91, 13.554, 4.009

62, 66.072, 13.538

97, 3.769, 2.878

58, 75.240, 17.128

100, 0.012,
296.813

56, 83.149, 21.583

54, 89.806, 26.815

54, 93.429, 30.057

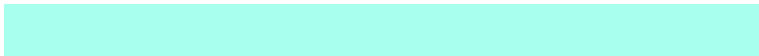
Harmonies

Complementary

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



78, 34.983, 6.997



94, 29.905, 179.410

Rectangle

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



78, 34.983, 6.997



78, 34.983, 56.997



78, 34.983, 186.997



78, 34.983, 236.997

Sweetspot

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



78, 34.445, 6.685



93, 9.587, 3.566



78, 51.467, 319.811



49, 6.565, 3.721



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 34.445, 6.685



74, 42.017, 7.896



83, 28.369, 47.804



50, 5.444, 3.512



40, 74.575, 29.023



10, 31.940, 18.349

Inverse Universe

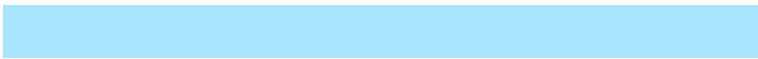
The Inverse Universe completely reimagines the original color for something new.



78, 34.445, 6.685



74, 42.017, 7.896



88, 22.804, 232.814



50, 5.444, 3.512



40, 74.575, 29.023



10, 31.940, 18.349

Previews

White Background



This preview shows how the CIELCh color 78, 34.983, 6.997 looks on a white background.

Color Contrast Check

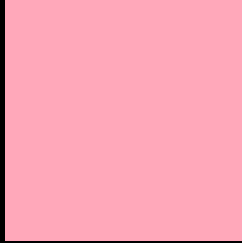
Large Text (above 18pt) WCAG AA × Fail

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 78, 34.983, 6.997 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 78, 34.983, 6.997

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.983, 6.997.



This preview shows how white text looks on a background with the CIELCh color 78, 34.983, 6.997.

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

78, 34.576, 6.757

Protanopia

78, 4.362, 300.151

Deuteranopia

78, 11.207, 28.413



Tritanopia
78, 33.898, 10.919

Trichromacy



Original Color
78, 34.576, 6.757



Protanomaly
78, 13.899, 353.144



Deuteranomaly
78, 19.327, 14.751



Tritanomaly
78, 33.980, 9.148

Monochromacy



Original Color
78, 34.576, 6.757



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 12.091, 5.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.983, 6.997 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, 168, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 186)  
}
```

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, 168, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.983, 6.997 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, 168, 186) }
```

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

```
.border{ border-color:rgb(255, 168, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.983, 6.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 186) }
```

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

```
.background{ background-color: rgb(255,  
168, 186) }
```

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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