

Converting Colors

CIELCh(81, 45.502, 16.377)

Have a look what the booklet for
CIELCh(81, 45.502, 16.377) contains.

CIELCh(78, 34.277, 12.873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 34.277, 12.873)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9B4
RGB	255, 169, 180
RGB Percent	100%, 66%, 71%
CMY	0.0000, 0.3368, 0.2937
CMYK	0.00, 0.34, 0.29, 0.00
HSL	352°, 100%, 83%
HSV	352°, 34%, 100%
XYZ	64.1503, 53.2120, 50.1285
YIQ	195.9680, 47.7250, 21.6530

Conversions

Conversions Part 2

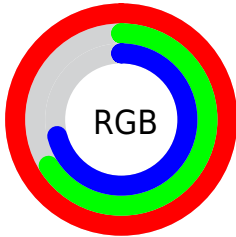
Format	Color
R _Y B	255, 169, 180
Decimal	16755124
CIE Lab	78.00, 33.42, 7.64
CIE LCh	78, 34.277, 12.873
Yxy	53.2120, 0.3830, 0.3177
Android (android.graphics.Color)	4294945204 (0xFFFFA9B4)
YUV	195.9680, -7.8722, 51.7711
Hunter-Lab	72.9466, 29.3190, 10.3188

Details

The CIELCh color **78, 34.277, 12.873** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 28.323, 186.056**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 12.198, 352.584**, and **58, 33.591, 13.065** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.832, 14.460**, and if you desaturate by 10%, it is **84, 23.123, 11.268**.

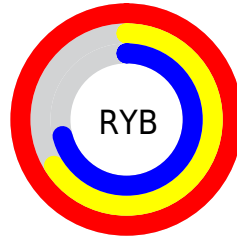
Distribution



Red (100%)

Green (66%)

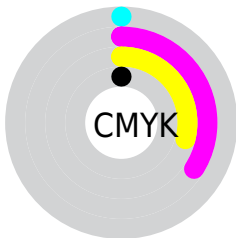
Blue (71%)



Red (100%)

Yellow (66%)

Blue (71%)

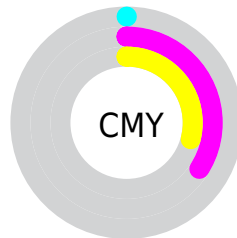


Cyan (0%)

Magenta (34%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.277, 12.873 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, 34.277, 12.873 by changing the saturation by 10% instead.

 78, 34.277, 12.873

 78, 34.277, 12.873

 100, 34.277,
12.873

 68, 34.277, 12.873

 98, 34.277, 12.873

 58, 34.277, 12.873

 48, 34.277, 12.873

 38, 34.277, 12.873

 28, 34.277, 12.873

 18, 34.277, 12.873

 8, 34.277, 12.873

 0, 34.277, 12.873

 78, 34.277, 12.873

 78, 34.277, 12.873

72, 44.832, 14.460

84, 23.123, 11.268

67, 55.963, 16.706

91, 12.961, 10.102

62, 66.828, 19.568

97, 3.378, 9.017

58, 77.027, 23.174

100, 0.012,
296.813

55, 86.234, 27.543

54, 94.208, 32.397

53, 98.527, 35.283

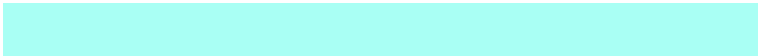
Harmonies

Complementary

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



78, 34.277, 12.873



95, 28.323, 186.056

Rectangle

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



78, 34.277, 12.873



78, 34.277, 62.873



78, 34.277, 192.873



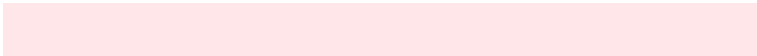
78, 34.277, 242.873

Sweetspot

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



78, 33.798, 12.688



93, 9.368, 9.715



79, 51.937, 322.343



49, 6.420, 9.861



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, 33.798, 12.688



74, 40.748, 13.760



85, 27.627, 56.843



50, 5.318, 9.664



40, 78.602, 34.429



10, 32.416, 21.949

Inverse Universe

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



78, 33.798, 12.688



74, 40.748, 13.760



86, 23.169, 244.366



50, 5.318, 9.664



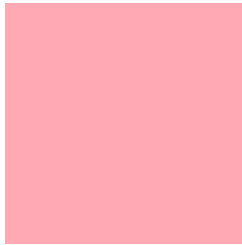
40, 78.602, 34.429



10, 32.416, 21.949

Previews

White Background



This preview shows how the CIELCh color 78, 34.277, 12.873 looks on a white background.

Color Contrast Check

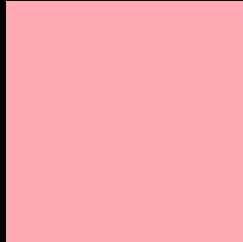
Large Text (above 18pt) WCAG AA × Fail

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, 34.277, 12.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

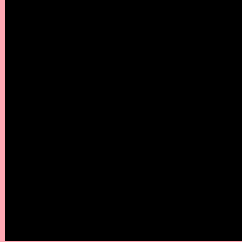
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 34.277, 12.873

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.277, 12.873.



This preview shows how white text looks on a background with the CIELCh color 78, 34.277, 12.873.

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, 33.851, 12.698

Protanopia

78, 1.579, 359.395

Deuteranopia

78, 12.962, 41.876



Tritanopia
78, 33.898, 10.919

Trichromacy



Original Color
78, 33.851, 12.698



Protanomaly
78, 12.682, 10.780



Deuteranomaly
78, 19.906, 24.076



Tritanomaly
78, 33.870, 11.808

Monochromacy



Original Color
78, 33.851, 12.698



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 11.897, 10.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.277, 12.873 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, 169, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 180)  
}
```

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, 169, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.277, 12.873 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, 169, 180) }
```

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

```
.border{ border-color:rgb(255, 169, 180) }
```

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

Here you see how a box with a 4 pixel rgb(255, 169, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.277, 12.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 180) }
```

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

```
.background{ background-color: rgb(255,  
169, 180) }
```

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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