

Converting Colors

CIELCh(78, 32.753, 12.343)

Have a look what the booklet for
CIELCh(78, 32.753, 12.343) contains.

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Color

CIELCh(78, 33.038, 12.361)

Conversions

Conversions Part 1

Format	Color
Hex	FEAAB5
RGB	254, 170, 181
RGB Percent	100%, 67%, 71%
CMY	0.0035, 0.3330, 0.2898
CMYK	0.00, 0.33, 0.29, 0.00
HSL	352°, 98%, 83%
HSV	352°, 33%, 100%
XYZ	63.6498, 53.2120, 50.6799
YIQ	196.3700, 46.5330, 21.2290

Conversions

Conversions Part 2

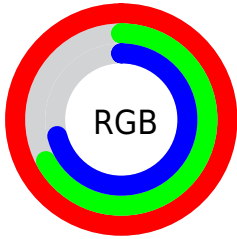
Format	Color
RYB	254, 170, 181
Decimal	16689845
CIELab	78.00, 32.27, 7.07
CIELCh	78, 33.038, 12.361
Yxy	53.2120, 0.3799, 0.3176
Android (android.graphics.Color)	4294879925 (0xFFFEAAB5)
YUV	196.3700, -7.5774, 50.5415
Hunter-Lab	72.9466, 28.0945, 9.8706

Details

The CIELCh color **78, 33.038, 12.361** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 27.822, 185.858**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 11.868, 351.730**, and **58, 33.136, 12.841** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.011, 14.113**, and if you desaturate by 10%, it is **84, 22.423, 10.962**.

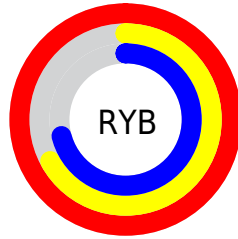
Distribution



Red (100%)

Green (67%)

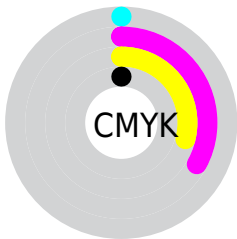
Blue (71%)



Red (100%)

Yellow (67%)

Blue (71%)

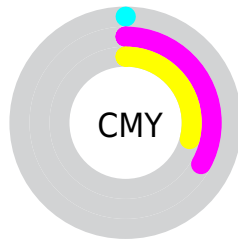


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 33.038, 12.361 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, 33.038, 12.361 by changing the saturation by 10% instead.

 78, 33.038, 12.361

 78, 33.038, 12.361

 100, 33.038,
12.361

 68, 33.038, 12.361

 98, 33.038, 12.361

 58, 33.038, 12.361

 48, 33.038, 12.361

 38, 33.038, 12.361

 28, 33.038, 12.361

 18, 33.038, 12.361

 8, 33.038, 12.361

 0, 33.038, 12.361

 78, 33.038, 12.361

 78, 33.038, 12.361

72, 44.011, 14.113

84, 22.423, 10.962

67, 55.096, 16.326

91, 12.323, 9.805

62, 65.930, 19.145

98, 2.800, 8.691

58, 76.114, 22.703

100, 0.313,
201.502

55, 85.319, 27.033

54, 93.316, 31.893

53, 98.070, 35.111

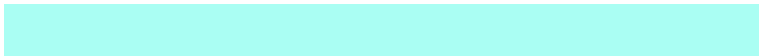
Harmonies

Complementary

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



78, 33.038, 12.361



94, 27.822, 185.858

Rectangle

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



78, 33.038, 12.361



78, 33.038, 62.361



78, 33.038, 192.361



78, 33.038, 242.361

Sweetspot

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



78, 33.035, 12.365



93, 9.374, 9.483



79, 50.847, 322.316



49, 6.424, 9.630



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, 33.035, 12.365



74, 40.746, 13.536



85, 26.982, 56.893



50, 5.322, 9.432



40, 78.454, 34.256



10, 32.398, 21.825

Inverse Universe

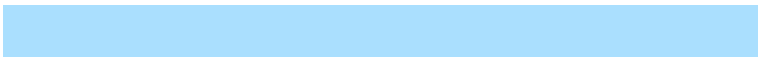
The Inverse Universe completely reimagines the original color for something new.



78, 33.035, 12.365



74, 40.746, 13.536



86, 22.714, 244.250



50, 5.322, 9.432



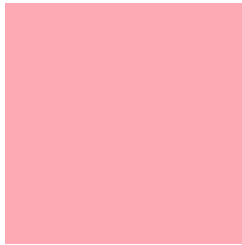
40, 78.454, 34.256



10, 32.398, 21.825

Previews

White Background



This preview shows how the CIELCh color 78, 33.038, 12.361 looks on a white background.

Color Contrast Check

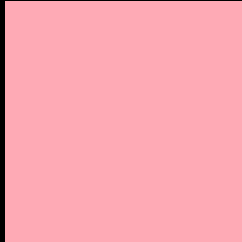
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 33.038, 12.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

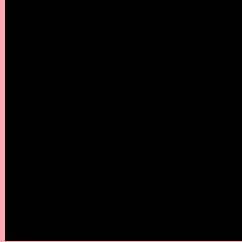
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 33.038, 12.361

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.038, 12.361.



This preview shows how white text looks on a background with the CIELCh color 78, 33.038, 12.361.

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, 33.038, 12.361

Protanopia

78, 1.579, 359.395

Deuteranopia

78, 13.122, 39.167



Tritanopia
78, 33.094, 10.540

Trichromacy



Original Color
78, 33.038, 12.361



Protanomaly
78, 12.759, 8.415



Deuteranomaly
78, 19.838, 22.565



Tritanomaly
78, 33.061, 11.449

Monochromacy



Original Color
78, 33.038, 12.361



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 11.506, 9.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.038, 12.361 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(254, 170, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 170, 181)  
}
```

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(254, 170, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 170, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.038, 12.361 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(254, 170, 181) }
```

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

```
.border{ border-color:rgb(254, 170, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 170, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 170, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 170, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 170,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.038, 12.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 170, 181) }
```

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

```
.background{ background-color: rgb(254,  
170, 181) }
```

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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