

Converting Colors

CIELCh(80, 38.358, 10.294)

Have a look what the booklet for
CIELCh(80, 38.358, 10.294) contains.

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Color

CIELCh(78, 33.213, 7.807)

Conversions

Conversions Part 1

Format	Color
Hex	FEAABA
RGB	254, 170, 186
RGB Percent	100%, 67%, 73%
CMY	0.0052, 0.3342, 0.2714
CMYK	0.00, 0.33, 0.27, 0.01
HSL	349°, 97%, 83%
HSV	349°, 33%, 99%
XYZ	63.9266, 53.2120, 53.2337
YIQ	196.9400, 44.9280, 22.7840

Conversions

Conversions Part 2

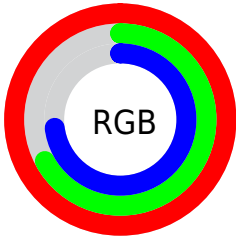
Format	Color
RYB	254, 170, 186
Decimal	16689850
CIELab	78.00, 32.91, 4.51
CIELCh	78, 33.213, 7.807
Yxy	53.2120, 0.3752, 0.3123
Android (android.graphics.Color)	4294879930 (0xFFFEAABA)
YUV	196.9400, -5.3934, 50.0416
Hunter-Lab	72.9466, 28.7717, 7.7949

Details

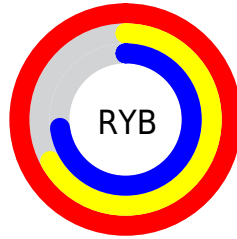
The CIELCh color **78, 33.213, 7.807** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 28.740, 180.861**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 13.250, 341.852**, and **58, 33.276, 8.035** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.002, 9.567**, and if you desaturate by 10%, it is **84, 22.653, 6.380**.

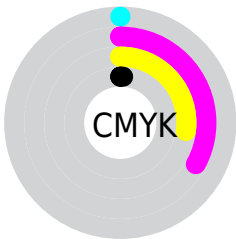
Distribution



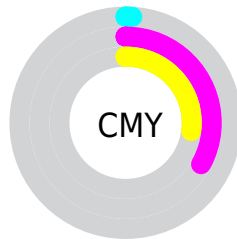
- Red (100%)
- Green (67%)
- Blue (73%)



- Red (100%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (33%)
- Yellow (27%)
- Black (1%)



- Cyan (1%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 33.213, 7.807 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, 33.213, 7.807 by changing the saturation by 10% instead.

 78, 33.213, 7.807  78, 33.213, 7.807

 100, 33.213, 7.807  68, 33.213, 7.807

 98, 33.213, 7.807  58, 33.213, 7.807

 48, 33.213, 7.807

 38, 33.213, 7.807

 28, 33.213, 7.807

 18, 33.213, 7.807

 8, 33.213, 7.807

 0, 33.213, 7.807

 78, 33.213, 7.807  78, 33.213, 7.807

72, 44.002, 9.567

84, 22.653, 6.380

67, 54.741, 11.767

91, 12.507, 5.183

62, 65.037, 14.557

97, 2.860, 4.027

58, 74.468, 18.093

100, 0.461,
200.814

55, 82.726, 22.476

54, 89.761, 27.613

53, 94.116, 31.277

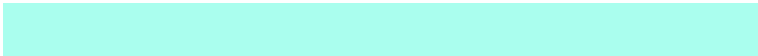
Harmonies

Complementary

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



78, 33.213, 7.807



94, 28.740, 180.861

Rectangle

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



78, 33.213, 7.807



78, 33.213, 57.807



78, 33.213, 187.807



78, 33.213, 237.807

Sweetspot

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



78, 33.210, 7.810



93, 9.532, 4.846



78, 50.037, 320.285



49, 6.528, 4.999



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, 33.210, 7.810



74, 40.853, 8.989



83, 27.238, 49.620



50, 5.412, 4.792



40, 75.408, 30.286



10, 32.039, 19.194

Inverse Universe

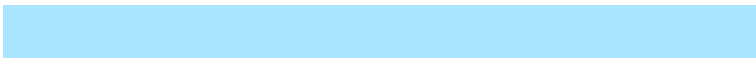
The Inverse Universe completely reimagines the original color for something new.



78, 33.210, 7.810



74, 40.853, 8.989



88, 22.195, 235.023



50, 5.412, 4.792



40, 75.408, 30.286



10, 32.039, 19.194

Previews

White Background



This preview shows how the CIELCh color 78, 33.213, 7.807 looks on a white background.

Color Contrast Check

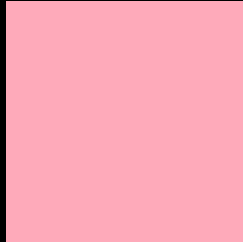
Large Text (above 18pt) WCAG AA × Fail

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, 33.213, 7.807 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, 33.213, 7.807

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.213, 7.807.

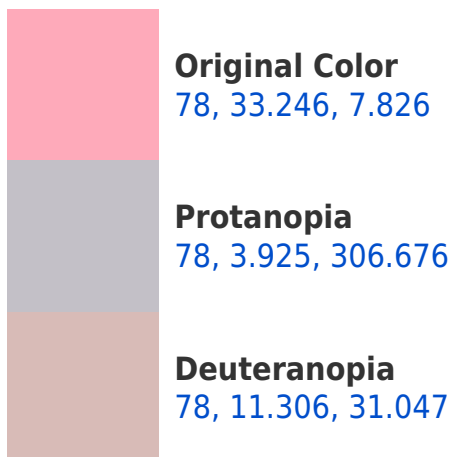


This preview shows how white text looks on a background with the CIELCh color 78, 33.213, 7.807.

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





Tritanopia
78, 32.710, 10.355

Trichromacy



Original Color
78, 33.246, 7.826



Protanomaly
78, 13.117, 356.520



Deuteranomaly
78, 18.904, 16.174



Tritanomaly
78, 32.754, 9.437

Monochromacy



Original Color
78, 33.246, 7.826



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 12.078, 5.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.213, 7.807 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(254, 170, 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(254, 170, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 170, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.213, 7.807 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, 186) }
```

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

```
.border{ border-color:rgb(254, 170, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 170, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 170, 186);  
box-shadow:4px 4px 4px 4px rgb(254, 170,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.213, 7.807 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, 186) }
```

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

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