

Converting Colors

CIELCh(78, 33.294, 8.365)

Have a look what the booklet for
CIELCh(78, 33.294, 8.365) contains.

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Color

CIELCh(78, 33.186, 8.727)

Conversions

Conversions Part 1

Format	Color
Hex	FEAAB9
RGB	254, 170, 185
RGB Percent	100%, 67%, 73%
CMY	0.0047, 0.3340, 0.2752
CMYK	0.00, 0.33, 0.27, 0.00
HSL	349°, 97%, 83%
HSV	349°, 33%, 100%
XYZ	63.8813, 53.2120, 52.7047
YIQ	196.8260, 45.2490, 22.4730

Conversions

Conversions Part 2

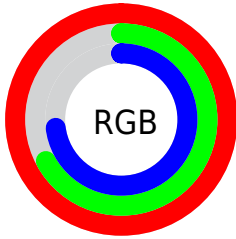
Format	Color
RYB	254, 170, 185
Decimal	16689849
CIELab	78.00, 32.80, 5.04
CIELCh	78, 33.186, 8.727
Yxy	53.2120, 0.3762, 0.3134
Android (android.graphics.Color)	4294879929 (0xFFFEAAB9)
YUV	196.8260, -5.8302, 50.1416
Hunter-Lab	72.9466, 28.6610, 8.2249

Details

The CIELCh color **78, 33.186, 8.727** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 28.558, 181.845**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 12.944, 343.651**, and **58, 33.227, 8.992** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.007, 10.490**, and if you desaturate by 10%, it is **84, 22.619, 7.302**.

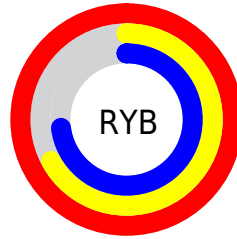
Distribution



Red (100%)

Green (67%)

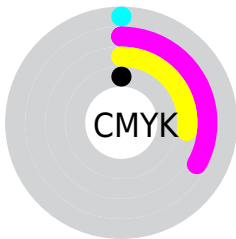
Blue (73%)



Red (100%)

Yellow (67%)

Blue (73%)

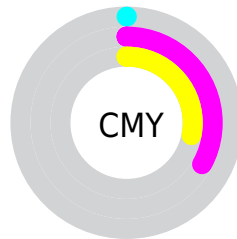


Cyan (0%)

Magenta (33%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 33.186, 8.727 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, 33.186, 8.727 by changing the saturation by 10% instead.

 78, 33.186, 8.727

 78, 33.186, 8.727

 100, 33.186, 8.727

 68, 33.186, 8.727

 98, 33.186, 8.727

 58, 33.186, 8.727

 48, 33.186, 8.727

 38, 33.186, 8.727

 28, 33.186, 8.727

 18, 33.186, 8.727

 8, 33.186, 8.727

 0, 33.186, 8.727

 78, 33.186, 8.727

 78, 33.186, 8.727

72, 44.007, 10.490

84, 22.619, 7.302

67, 54.810, 12.698

91, 12.485, 6.109

62, 65.209, 15.502

97, 2.866, 4.960

58, 74.785, 19.052

100, 0.415,
200.977

55, 83.232, 23.439

54, 90.476, 28.541

53, 94.932, 32.126

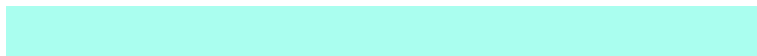
Harmonies

Complementary

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



78, 33.186, 8.727



94, 28.558, 181.845

Rectangle

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



78, 33.186, 8.727



78, 33.186, 58.727



78, 33.186, 188.727



78, 33.186, 238.727

Sweetspot

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



78, 33.183, 8.730



93, 9.495, 5.772



79, 50.269, 320.798



49, 6.503, 5.925



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, 33.183, 8.730



74, 40.808, 9.907



84, 27.154, 51.421



50, 5.391, 5.719



40, 76.017, 31.156



10, 32.111, 19.767

Inverse Universe

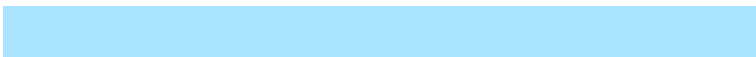
The Inverse Universe completely reimagines the original color for something new.



78, 33.183, 8.730



74, 40.808, 9.907



87, 22.286, 237.361



50, 5.391, 5.719



40, 76.017, 31.156



10, 32.111, 19.767

Previews

White Background



This preview shows how the CIELCh color 78, 33.186, 8.727 looks on a white background.

Color Contrast Check

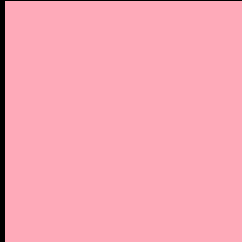
Large Text (above 18pt) WCAG AA × Fail

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, 33.186, 8.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

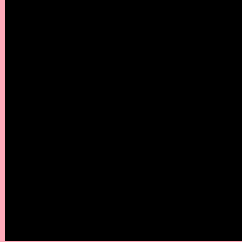
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 33.186, 8.727

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.186, 8.727.



This preview shows how white text looks on a background with the CIELCh color 78, 33.186, 8.727.

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, 33.186, 8.727

Protanopia

78, 3.415, 309.165

Deuteranopia

78, 11.443, 33.626



Tritanopia
78, 33.094, 10.540

Trichromacy



Original Color
78, 33.186, 8.727



Protanomaly
78, 12.929, 358.703



Deuteranomaly
78, 18.909, 17.775



Tritanomaly
78, 33.135, 9.632

Monochromacy



Original Color
78, 33.186, 8.727



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, 33.186, 8.727 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(254, 170, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 170, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.186, 8.727 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, 185) }
```

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

```
.border{ border-color:rgb(254, 170, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(254, 170,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.186, 8.727 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, 185) }
```

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

```
.background{ background-color: rgb(254,  
170, 185) }
```

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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