

Converting Colors

CIELCh(81, 39.086, 1.131)

Have a look what the booklet for
CIELCh(81, 39.086, 1.131) contains.

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Color

CIELCh(79, 33.873, 356.741)

Conversions

Conversions Part 1

Format	Color
Hex	FEACC8
RGB	254, 172, 200
RGB Percent	100%, 67%, 78%
CMY	0.0029, 0.3242, 0.2145
CMYK	0.00, 0.32, 0.21, 0.00
HSL	340°, 98%, 84%
HSV	340°, 32%, 100%
XYZ	66.2406, 54.9284, 61.9420
YIQ	199.7100, 39.8840, 26.0920

Conversions

Conversions Part 2

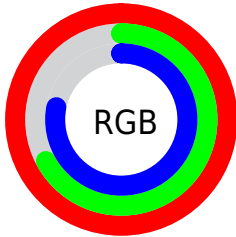
Format	Color
RYB	254, 172, 200
Decimal	16690376
CIELab	79.00, 33.82, -1.93
CIELCh	79, 33.873, 356.741
Yxy	54.9284, 0.3618, 0.3000
Android (android.graphics.Color)	4294880456 (0xFFFEACC8)
YUV	199.7100, 0.1430, 47.6123
Hunter-Lab	74.1137, 29.8391, 2.3268

Details

The CIELCh color **79, 33.873, 356.741** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 31.193, 169.889**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 16.877, 325.009**, and **59, 33.699, 357.092** is the 20% darker color. If you saturate the color by 10%, you get **73, 44.639, 358.311**, and if you desaturate by 10%, it is **85, 23.074, 355.425**.

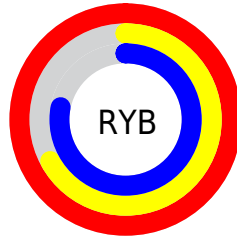
Distribution



Red (100%)

Green (67%)

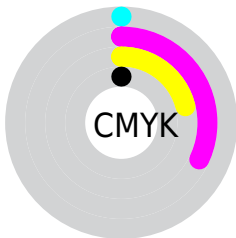
Blue (78%)



Red (100%)

Yellow (67%)

Blue (78%)

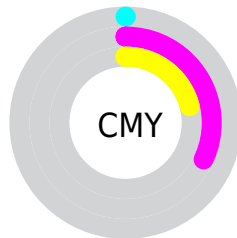


Cyan (0%)

Magenta (32%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.873, 356.741 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 79, 33.873, 356.741 by changing the saturation by 10% instead.


 79, 33.873,
356.741


 79, 33.873,
356.741


 100, 33.873,
356.741


 69, 33.873,
356.741


 99, 33.873,
356.741

 59, 33.873,
356.741

 49, 33.873,
356.741

 39, 33.873,
356.741

 29, 33.873,
356.741

 19, 33.873,
356.741

 9, 33.873, 356.741

0, 33.873, 356.741

79, 33.873,
356.741

79, 33.873,
356.741

73, 44.639,
358.311

85, 23.074,
355.425

68, 55.027, 0.220

92, 12.484,
354.282

63, 64.563, 2.600

98, 2.234, 353.101

59, 72.725, 5.615

100, 0.257,
201.963

56, 79.109, 9.447

55, 83.666, 14.231

54, 86.397, 18.484

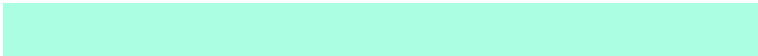
Harmonies

Complementary

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



79, 33.873, 356.741



94, 31.193, 169.889

Rectangle

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



79, 33.873, 356.741



79, 33.873, 46.741



79, 33.873, 176.741



79, 33.873, 226.741

Sweetspot

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



79, 33.870, 356.743



93, 10.194, 354.043



78, 47.377, 315.536



49, 6.972, 354.194



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 33.870, 356.743



75, 41.284, 357.774



81, 28.629, 34.478



50, 5.790, 353.990



40, 69.438, 17.420



10, 31.327, 9.666

Inverse Universe

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



79, 33.870, 356.743



75, 41.284, 357.774



91, 22.664, 214.533



50, 5.790, 353.990



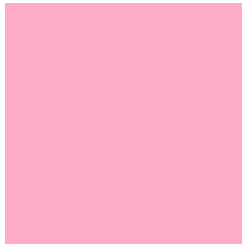
40, 69.438, 17.420



10, 31.327, 9.666

Previews

White Background



This preview shows how the CIELCh color 79, 33.873, 356.741 looks on a white background.

Color Contrast Check

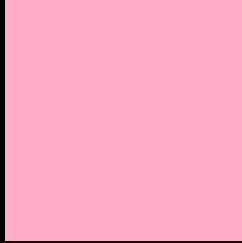
Large Text (above 18pt) WCAG AA × Fail

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 79, 33.873, 356.741 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 79, 33.873, 356.741

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.873, 356.741.

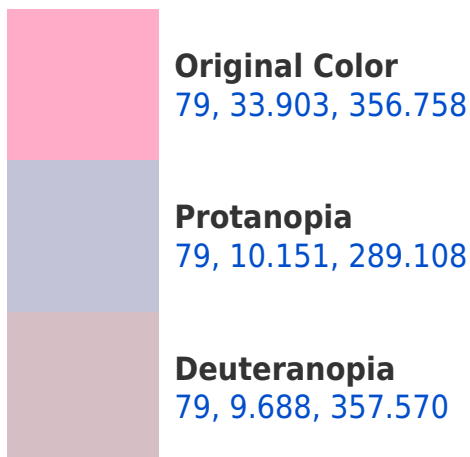


This preview shows how white text looks on a background with the CIELCh color 79, 33.873, 356.741.

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
79, 31.103, 8.544

Trichromacy



Original Color
79, 33.903, 356.758

Protanomaly
79, 15.837, 332.870

Deuteranomaly
79, 18.396, 357.179

Tritanomaly
79, 31.916, 4.083

Monochromacy



Original Color
79, 33.903, 356.758

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 12.357, 354.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.873, 356.741 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, 172, 200)` looks like.

```
.text, #text, p{  
    color:rgb(254, 172, 200)  
}
```

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, 172, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 172, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.873, 356.741 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, 172, 200) }
```

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

```
.border{ border-color:rgb(254, 172, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 172, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 172, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 172, 200);  
box-shadow:4px 4px 4px 4px rgb(254, 172,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.873, 356.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 172, 200) }
```

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

```
.background{ background-color: rgb(254,  
172, 200) }
```

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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