

Converting Colors

CIELCh(79, 34.209, 359.214)

Have a look what the booklet for
CIELCh(79, 34.209, 359.214)
contains.

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Color

CIELCh(79, 33.917, 358.756)

Conversions

Conversions Part 1

Format	Color
Hex	FFACC6
RGB	255, 172, 198
RGB Percent	100%, 67%, 78%
CMY	0.0000, 0.3249, 0.2230
CMYK	0.00, 0.32, 0.22, 0.00
HSL	341°, 100%, 84%
HSV	341°, 32%, 100%
XYZ	66.2813, 54.9284, 60.6179
YIQ	199.7810, 41.1220, 25.6820

Conversions

Conversions Part 2

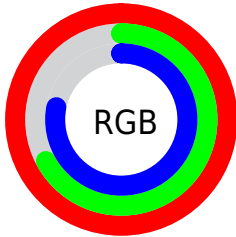
Format	Color
R _Y B	255, 172, 198
Decimal	16755910
CIE Lab	79.00, 33.91, -0.74
CIE LCh	79, 33.917, 358.756
Yxy	54.9284, 0.3645, 0.3021
Android (android.graphics.Color)	4294945990 (0xFFFFACC6)
YUV	199.7810, -0.8780, 48.4271
Hunter-Lab	74.1137, 29.9371, 3.3860

Details

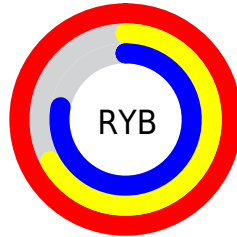
The CIELCh color **79, 33.917, 358.756** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 30.866, 171.729**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 16.877, 325.009**, and **59, 33.736, 359.251** is the 20% darker color. If you saturate the color by 10%, you get **73, 44.621, 0.334**, and if you desaturate by 10%, it is **85, 23.118, 357.359**.

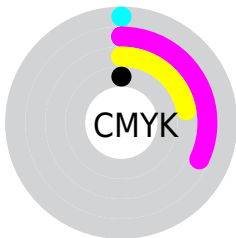
Distribution



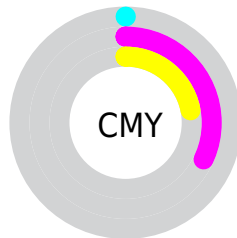
- Red (100%)
- Green (67%)
- Blue (78%)



- Red (100%)
- Yellow (67%)
- Blue (78%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 33.917, 358.756 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, 33.917, 358.756 by changing the saturation by 10% instead.


 79, 33.917,
358.756


 79, 33.917,
358.756


 100, 33.917,
358.756


 69, 33.917,
358.756


 99, 33.917,
358.756

 59, 33.917,
358.756

 49, 33.917,
358.756

 39, 33.917,
358.756

 29, 33.917,
358.756

 19, 33.917,
358.756

 9, 33.917, 358.756

0, 33.917, 358.756

79, 33.917,
358.756

79, 33.917,
358.756

73, 44.621, 0.334

85, 23.118,
357.359

68, 55.046, 2.320

92, 12.611,
356.193

63, 64.678, 4.806

59, 73.013, 7.960

98, 2.469, 355.015

56, 79.673, 11.962

100, 0.012,
296.813

55, 84.639, 16.914

54, 87.681, 21.099

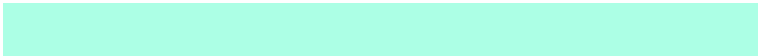
Harmonies

Complementary

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



79, 33.917, 358.756



94, 30.866, 171.729

Rectangle

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



79, 33.917, 358.756



79, 33.917, 48.756



79, 33.917, 178.756



79, 33.917, 228.756

Sweetspot

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



79, 33.863, 358.714



93, 10.045, 355.921



78, 48.193, 316.611



49, 6.872, 356.073



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, 33.863, 358.714



75, 40.881, 359.732



82, 28.321, 37.637



50, 5.705, 355.867



40, 70.233, 20.011



10, 31.408, 11.770

Inverse Universe

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



79, 33.863, 358.714



75, 40.881, 359.732



91, 22.441, 218.864



50, 5.705, 355.867



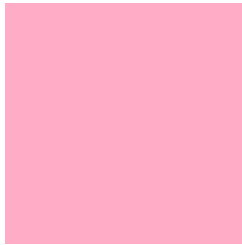
40, 70.233, 20.011



10, 31.408, 11.770

Previews

White Background



This preview shows how the CIELCh color 79, 33.917, 358.756 looks on a white background.

Color Contrast Check

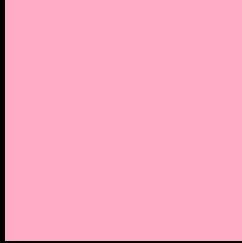
Large Text (above 18pt) WCAG AA × Fail

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, 33.917, 358.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

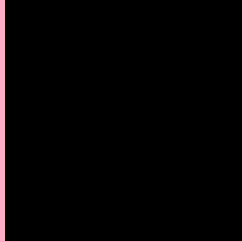
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 33.917, 358.756

Background



This preview shows how black text looks on a background with the CIELCh color 79, 33.917, 358.756.

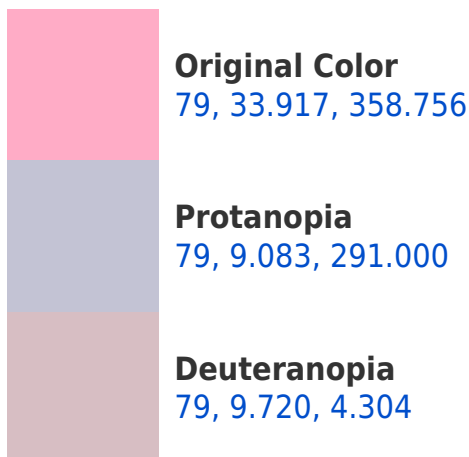


This preview shows how white text looks on a background with the CIELCh color 79, 33.917, 358.756.

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, 31.429, 9.706

Trichromacy



Original Color
79, 33.917, 358.756



Protanomaly
79, 15.340, 336.632



Deuteranomaly
79, 18.410, 0.777

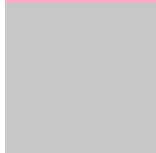


Tritanomaly
79, 32.186, 5.259

Monochromacy



Original Color
79, 33.917, 358.756



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 12.155, 357.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 33.917, 358.756 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, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 198)  
}
```

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, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 33.917, 358.756 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, 172, 198) }
```

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

```
.border{ border-color:rgb(255, 172, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 33.917, 358.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 198) }
```

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

```
.background{ background-color: rgb(255,  
172, 198) }
```

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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