

Converting Colors

CIELCh(79, 36.974, 350.021)

Have a look what the booklet for
CIELCh(79, 36.974, 350.021)
contains.

CIELCh(79, 36.640, 349.645)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 36.640, 349.645)

Conversions

Conversions Part 1

Format	Color
Hex	FFABD1
RGB	255, 171, 209
RGB Percent	100%, 67%, 82%
CMY	0.0004, 0.3298, 0.1808
CMYK	0.00, 0.33, 0.18, 0.00
HSL	333°, 100%, 83%
HSV	333°, 33%, 100%
XYZ	67.2431, 54.9284, 67.3160
YIQ	200.4480, 37.8660, 29.6260

Conversions

Conversions Part 2

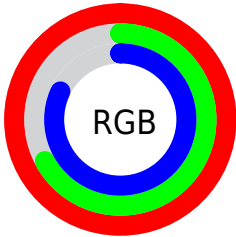
Format	Color
R _Y B	255, 171, 209
Decimal	16755665
CIE Lab	79.00, 36.04, -6.59
CIE LCh	79, 36.640, 349.645
Yxy	54.9284, 0.3549, 0.2899
Android (android.graphics.Color)	4294945745 (0xFFFFABD1)
YUV	200.4480, 4.2161, 47.8421
Hunter-Lab	74.1137, 32.2534, -1.9724

Details

The CIELCh color **79, 36.640, 349.645** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 34.794, 163.064**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 17.506, 325.031**, and **59, 36.484, 349.527** is the 20% darker color. If you saturate the color by 10%, you get **73, 47.698, 351.015**, and if you desaturate by 10%, it is **85, 25.361, 348.469**.

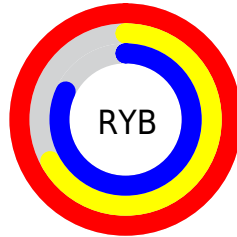
Distribution



Red (100%)

Green (67%)

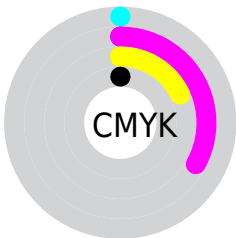
Blue (82%)



Red (100%)

Yellow (67%)

Blue (82%)

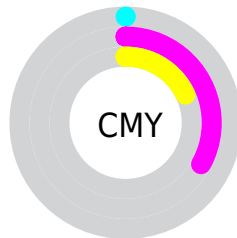


Cyan (0%)

Magenta (33%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 36.640, 349.645 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, 36.640, 349.645 by changing the saturation by 10% instead.


 79, 36.640,
349.645

 79, 36.640,
349.645


 100, 36.640,
349.645


 69, 36.640,
349.645

 99, 36.640,
349.645

 59, 36.640,
349.645

 49, 36.640,
349.645

 39, 36.640,
349.645

 29, 36.640,
349.645

 19, 36.640,
349.645

 9, 36.640, 349.645

0, 36.640, 349.645

79, 36.640,
349.645

79, 36.640,
349.645

73, 47.698,
351.015

85, 25.361,
348.469

68, 58.132,
352.645

91, 14.151,
347.428

63, 67.408,
354.638

98, 3.182, 346.393

60, 74.939,
357.134

100, 0.036,
217.991

57, 80.259, 0.305

55, 83.267, 4.322

55, 84.412, 7.632

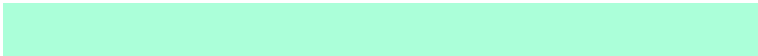
Harmonies

Complementary

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



79, 36.640, 349.645



94, 34.794, 163.064

Rectangle

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



79, 36.640, 349.645



79, 36.640, 39.645



79, 36.640, 169.645



79, 36.640, 219.645

Sweetspot

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



79, 36.637, 349.647



93, 10.889, 347.138



77, 47.609, 311.797



49, 7.443, 347.276



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, 36.637, 349.647



75, 44.494, 350.588



79, 32.351, 24.760



50, 6.186, 347.090



41, 67.998, 6.707



10, 31.502, 0.389

Inverse Universe

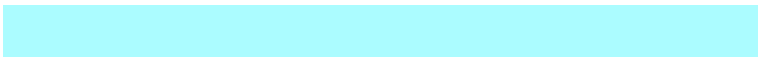
The Inverse Universe completely reimagines the original color for something new.



79, 36.637, 349.647



75, 44.494, 350.588



94, 25.577, 201.100



50, 6.186, 347.090



41, 67.998, 6.707



10, 31.502, 0.389

Previews

White Background



This preview shows how the CIELCh color 79, 36.640, 349.645 looks on a white background.

Color Contrast Check

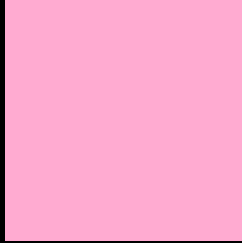
Large Text (above 18pt) WCAG AA × Fail

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, 36.640, 349.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

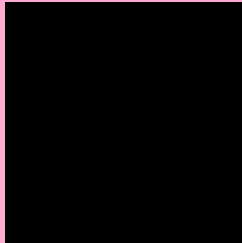
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 36.640, 349.645

Background



This preview shows how black text looks on a background with the CIELCh color 79, 36.640, 349.645.

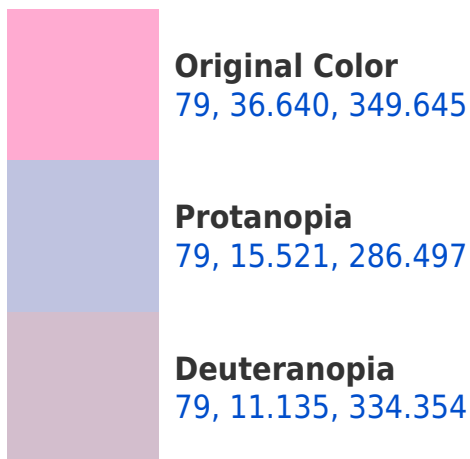


This preview shows how white text looks on a background with the CIELCh color 79, 36.640, 349.645.

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, 30.635, 9.287

Trichromacy



Original Color
79, 36.640, 349.645



Protanomaly
79, 20.350, 320.926



Deuteranomaly
79, 20.305, 344.097

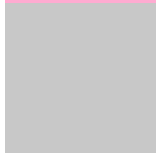


Tritanomaly
79, 32.237, 1.324

Monochromacy



Original Color
79, 36.640, 349.645



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 13.676, 347.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 36.640, 349.645 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, 171, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 209)  
}
```

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, 171, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 36.640, 349.645 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, 171, 209) }
```

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

```
.border{ border-color:rgb(255, 171, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 36.640, 349.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 209) }
```

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

```
.background{ background-color: rgb(255,  
171, 209) }
```

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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