

Converting Colors

CIELCh(80, 43.475, 349.442)

Have a look what the booklet for
CIELCh(80, 43.475, 349.442)
contains.

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Color

CIELCh(79, 39.658, 345.322)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9D7
RGB	255, 169, 215
RGB Percent	100%, 66%, 84%
CMY	0.0000, 0.3361, 0.1556
CMYK	0.00, 0.34, 0.16, 0.00
HSL	328°, 100%, 83%
HSV	328°, 34%, 100%
XYZ	68.2993, 54.9284, 71.5045
YIQ	199.9580, 36.4900, 32.5380

Conversions

Conversions Part 2

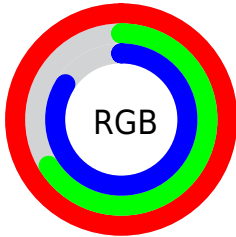
Format	Color
R _Y B	255, 169, 215
Decimal	16755159
CIE Lab	79.00, 38.36, -10.05
CIE LCh	79, 39.658, 345.322
Yxy	54.9284, 0.3507, 0.2821
Android (android.graphics.Color)	4294945239 (0xFFFFA9D7)
YUV	199.9580, 7.4157, 48.2718
Hunter-Lab	74.1137, 34.7972, -5.3231

Details

The CIELCh color $79, 39.658, 345.322$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $94, 37.963, 158.550$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 18.763, 325.076$, and $59, 38.995, 345.261$ is the 20% darker color. If you saturate the color by 10%, you get $73, 50.677, 346.002$, and if you desaturate by 10%, it is $85, 27.516, 343.757$.

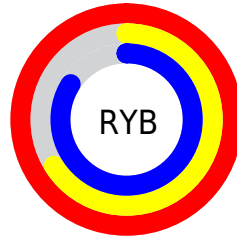
Distribution



Red (100%)

Green (66%)

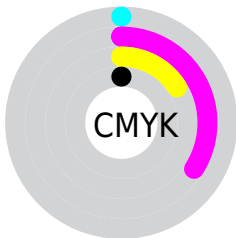
Blue (84%)



Red (100%)

Yellow (66%)

Blue (84%)

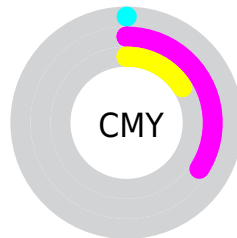


Cyan (0%)

Magenta (34%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 39.658, 345.322 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, 39.658, 345.322 by changing the saturation by 10% instead.


 79, 39.658,
345.322

 79, 39.658,
345.322


 100, 39.658,
345.322


 69, 39.658,
345.322


 99, 39.658,
345.322

 59, 39.658,
345.322

 49, 39.658,
345.322

 39, 39.658,
345.322

 29, 39.658,
345.322

 19, 39.658,
345.322

 9, 39.658, 345.322

■ 0, 39.658, 345.322

■ 79, 39.658,
345.322

■ 79, 39.658,
345.322

■ 73, 50.677,
346.002

■ 85, 27.516,
343.757

■ 68, 61.295,
347.395

■ 91, 15.736,
342.812

■ 64, 70.551,
349.063

■ 98, 4.131, 341.885

■ 60, 77.827,
351.114

100, 0.012,
296.813

■ 57, 82.627,
353.692

■ 56, 84.820,
356.951

■ 55, 85.226,
359.382

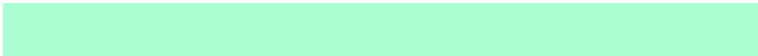
Harmonies

Complementary

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



79, 39.658, 345.322



94, 37.963, 158.550

Rectangle

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



79, 39.658, 345.322



79, 39.658, 35.322



79, 39.658, 165.322



79, 39.658, 215.322

Sweetspot

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



79, 39.268, 344.807



93, 11.517, 342.487



76, 48.048, 309.104



49, 7.869, 342.613



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, 39.268, 344.807



75, 46.622, 345.551



78, 33.830, 18.642



50, 6.544, 342.443



41, 68.788, 358.634



11, 32.266, 353.617

Inverse Universe

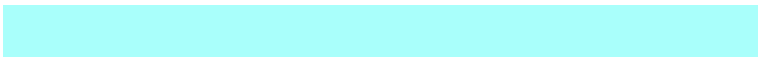
The Inverse Universe completely reimagines the original color for something new.



79, 39.268, 344.807



75, 46.622, 345.551



95, 27.338, 193.057



50, 6.544, 342.443



41, 68.788, 358.634



11, 32.266, 353.617

Previews

White Background



This preview shows how the CIELCh color 79, 39.658, 345.322 looks on a white background.

Color Contrast Check

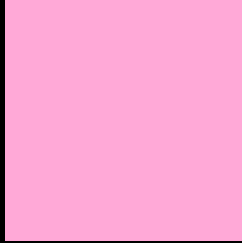
Large Text (above 18pt) WCAG AA × Fail

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, 39.658, 345.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

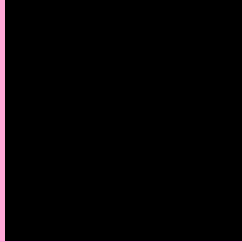
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 39.658, 345.322

Background



This preview shows how black text looks on a background with the CIELCh color 79, 39.658, 345.322.



This preview shows how white text looks on a background with the CIELCh color 79, 39.658, 345.322.

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, 30.724, 8.329

Trichromacy



Original Color
79, 39.350, 344.936



Protanomaly
79, 23.519, 315.684



Deuteranomaly
79, 22.511, 334.040

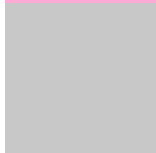


Tritanomaly
79, 33.228, 358.135

Monochromacy



Original Color
79, 39.350, 344.936



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 14.568, 342.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 39.658, 345.322 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, 169, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 215)  
}
```

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, 169, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 39.658, 345.322 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, 169, 215) }
```

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

```
.border{ border-color:rgb(255, 169, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 39.658, 345.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 215) }
```

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

```
.background{ background-color: rgb(255,  
169, 215) }
```

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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