

Converting Colors

CIELCh(79, 38.469, 345.251)

Have a look what the booklet for
CIELCh(79, 38.469, 345.251)
contains.

CIELCh(79, 38.765, 345.195)	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, 38.765, 345.195)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAD7
RGB	255, 170, 215
RGB Percent	100%, 67%, 84%
CMY	0.0000, 0.3332, 0.1568
CMYK	0.00, 0.33, 0.16, 0.00
HSL	328°, 100%, 83%
HSV	328°, 33%, 100%
XYZ	67.8948, 54.9284, 71.3280
YIQ	200.5450, 36.2150, 32.0150

Conversions

Conversions Part 2

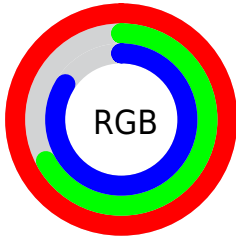
Format	Color
R _Y B	255, 170, 215
Decimal	16755415
CIE Lab	79.00, 37.48, -9.91
CIE LCh	79, 38.765, 345.195
Yxy	54.9284, 0.3497, 0.2829
Android (android.graphics.Color)	4294945495 (0xFFFFAAD7)
YUV	200.5450, 7.1263, 47.7570
Hunter-Lab	74.1137, 33.8232, -5.1819

Details

The CIELCh color **79, 38.765, 345.195** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 37.423, 158.952**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 18.134, 325.054**, and **59, 38.397, 345.522** is the 20% darker color. If you saturate the color by 10%, you get **73, 50.142, 346.394**, and if you desaturate by 10%, it is **85, 27.045, 344.129**.

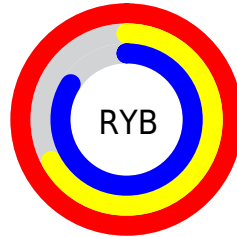
Distribution



Red (100%)

Green (67%)

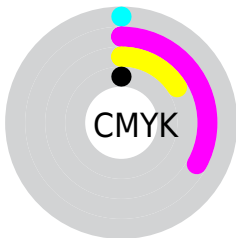
Blue (84%)



Red (100%)

Yellow (67%)

Blue (84%)

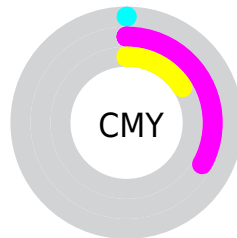


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 38.765, 345.195 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, 38.765, 345.195 by changing the saturation by 10% instead.


 79, 38.765,
345.195


 79, 38.765,
345.195


 100, 38.765,
345.195


 69, 38.765,
345.195


 99, 38.765,
345.195

 59, 38.765,
345.195

 49, 38.765,
345.195

 39, 38.765,
345.195

 29, 38.765,
345.195

 19, 38.765,
345.195

 9, 38.765, 345.195

■ 0, 38.765, 345.195

■ 79, 38.765,
345.195

■ 79, 38.765,
345.195

■ 73, 50.142,
346.394

■ 85, 27.045,
344.129

■ 68, 60.763,
347.803

■ 91, 15.321,
343.177

■ 64, 70.052,
349.492

■ 98, 3.781, 342.235

■ 60, 77.394,
351.572

100, 0.012,
296.813

■ 57, 82.289,
354.188

■ 56, 84.595,
357.500

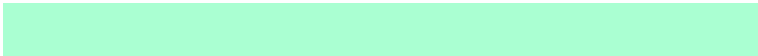
Harmonies

Complementary

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



79, 38.765, 345.195



94, 37.423, 158.952

Rectangle

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



79, 38.765, 345.195



79, 38.765, 35.195



79, 38.765, 165.195



79, 38.765, 215.195

Sweetspot

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



79, 38.756, 345.188



93, 11.459, 342.876



76, 47.724, 309.634



49, 7.830, 343.003



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, 38.756, 345.188



75, 46.419, 345.974



78, 33.580, 19.867



50, 6.511, 342.831



41, 68.655, 359.327



11, 32.178, 354.193

Inverse Universe

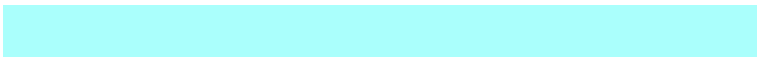
The Inverse Universe completely reimagines the original color for something new.



79, 38.756, 345.188



75, 46.419, 345.974



95, 26.986, 194.624



50, 6.511, 342.831



41, 68.655, 359.327



11, 32.178, 354.193

Previews

White Background



This preview shows how the CIELCh color 79, 38.765, 345.195 looks on a white background.

Color Contrast Check

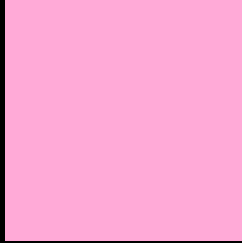
Large Text (above 18pt) WCAG AA × Fail

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, 38.765, 345.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

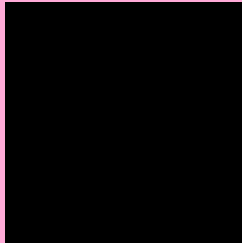
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 38.765, 345.195

Background



This preview shows how black text looks on a background with the CIELCh color 79, 38.765, 345.195.



This preview shows how white text looks on a background with the CIELCh color 79, 38.765, 345.195.

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
79, 38.765, 345.195

Protanopia
79, 19.806, 287.074

Deuteranopia
79, 13.025, 320.935



Tritanopia
79, 30.254, 9.080

Trichromacy



Original Color
79, 38.765, 345.195



Protanomaly
79, 23.659, 316.482



Deuteranomaly
79, 21.753, 335.983

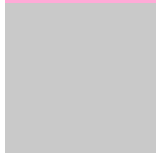


Tritanomaly
79, 32.696, 358.671

Monochromacy



Original Color
79, 38.765, 345.195



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 14.244, 343.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 38.765, 345.195 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, 170, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 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, 170, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 38.765, 345.195 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, 170, 215) }
```

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

```
.border{ border-color:rgb(255, 170, 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, 170, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 38.765, 345.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 215) }
```

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

```
.background{ background-color: rgb(255,  
170, 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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