

Converting Colors

CIELCh(81, 46.776, 345.714)

Have a look what the booklet for
CIELCh(81, 46.776, 345.714)
contains.

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Color

CIELCh(79, 42.064, 339.550)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9E0
RGB	255, 169, 224
RGB Percent	100%, 66%, 88%
CMY	0.0006, 0.3378, 0.1221
CMYK	0.00, 0.34, 0.12, 0.00
HSL	322°, 100%, 83%
HSV	322°, 34%, 100%
XYZ	68.7804, 54.9284, 77.3946
YIQ	200.9840, 33.6010, 35.3370

Conversions

Conversions Part 2

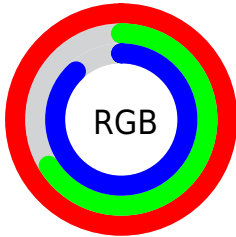
Format	Color
R _Y B	255, 169, 224
Decimal	16755168
CIE _{Lab}	79.00, 39.41, -14.70
CIE _{LCh}	79, 42.064, 339.550
Y _{xy}	54.9284, 0.3420, 0.2731
Android (android.graphics.Color)	4294945248 (0xFFFFA9E0)
YUV	200.9840, 11.3469, 47.3720
Hunter-Lab	74.1137, 35.9561, -10.0351

Details

The CIELCh color $79, 42.064, 339.550$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 41.318, 153.872$, 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 $59, 42.404, 339.332$ is the 20% darker color. If you saturate the color by 10%, you get $73, 54.068, 340.532$, and if you desaturate by 10%, it is $85, 29.604, 338.660$.

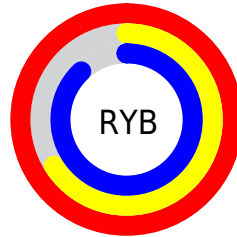
Distribution



Red (100%)

Green (66%)

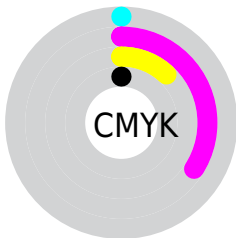
Blue (88%)



Red (100%)

Yellow (66%)

Blue (88%)

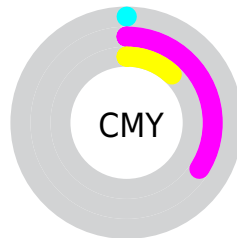


Cyan (0%)

Magenta (34%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 42.064, 339.550 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, 42.064, 339.550 by changing the saturation by 10% instead.


 79, 42.064,
339.550


 79, 42.064,
339.550


 100, 42.064,
339.550


 69, 42.064,
339.550


 99, 42.064,
339.550

 59, 42.064,
339.550

 49, 42.064,
339.550

 39, 42.064,
339.550

 29, 42.064,
339.550

 19, 42.064,
339.550

 9, 42.064, 339.550

■ 0, 42.064, 339.550

■ 79, 42.064,
339.550

■ 79, 42.064,
339.550

■ 73, 54.068,
340.532

■ 85, 29.604,
338.660

■ 68, 65.148,
341.634

■ 91, 17.041,
337.835

■ 64, 74.703,
342.903

■ 98, 4.600, 337.014

■ 61, 82.096,
344.408

100, 0.053,
212.111

■ 58, 86.807,
346.242

■ 57, 88.666,
348.514

■ 56, 88.722,
350.164

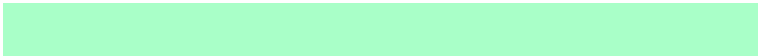
Harmonies

Complementary

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



79, 42.064, 339.550



93, 41.318, 153.872

Rectangle

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



79, 42.064, 339.550



79, 42.064, 29.550



79, 42.064, 159.550



79, 42.064, 209.550

Sweetspot

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



79, 42.061, 339.551



94, 12.372, 337.538



75, 47.667, 305.824



49, 8.451, 337.649



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, 42.061, 339.551



76, 49.682, 340.153



78, 33.893, 11.010



50, 7.031, 337.498



42, 71.727, 349.650



11, 33.826, 346.224

Inverse Universe

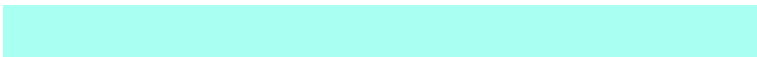
The Inverse Universe completely reimagines the original color for something new.



79, 42.061, 339.551



76, 49.682, 340.153



94, 28.690, 184.160



50, 7.031, 337.498



42, 71.727, 349.650



11, 33.826, 346.224

Previews

White Background



This preview shows how the CIELCh color 79, 42.064, 339.550 looks on a white background.

Color Contrast Check

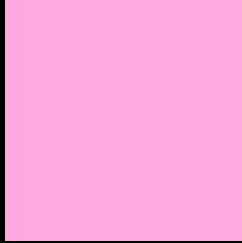
Large Text (above 18pt) WCAG AA × Fail

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, 42.064, 339.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

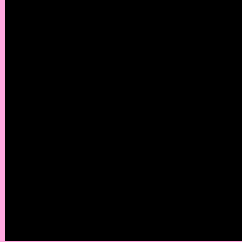
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 42.064, 339.550

Background



This preview shows how black text looks on a background with the CIELCh color 79, 42.064, 339.550.



This preview shows how white text looks on a background with the CIELCh color 79, 42.064, 339.550.

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, 29.937, 7.869

Trichromacy



Original Color
79, 42.064, 339.550



Protanomaly
79, 28.233, 310.074



Deuteranomaly
79, 24.663, 326.095

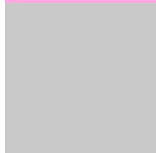


Tritanomaly
79, 33.053, 354.891

Monochromacy



Original Color
79, 42.064, 339.550



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 15.844, 338.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 42.064, 339.550 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 42.064, 339.550 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, 224) }
```

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

```
.border{ border-color:rgb(255, 169, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 42.064, 339.550 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
169, 224) }
```

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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