

Converting Colors

CIELCh(79, 32.361, 0.691)

Have a look what the booklet for
CIELCh(79, 32.361, 0.691) contains.

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Color

CIELCh(79, 32.401, 0.443)

Conversions

Conversions Part 1

Format	Color
Hex	FDADC4
RGB	253, 173, 196
RGB Percent	99%, 68%, 77%
CMY	0.0067, 0.3205, 0.2303
CMYK	0.00, 0.32, 0.23, 0.01
HSL	343°, 96%, 84%
HSV	343°, 32%, 99%
XYZ	65.6069, 54.9284, 59.5337
YIQ	199.5420, 40.2970, 24.1130

Conversions

Conversions Part 2

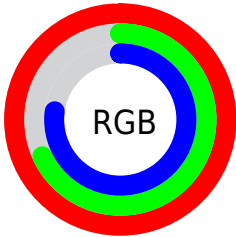
Format	Color
R _Y B	253, 173, 196
Decimal	16625092
CIE Lab	79.00, 32.40, 0.25
CIE LCh	79, 32.401, 0.443
Yxy	54.9284, 0.3643, 0.3050
Android (android.graphics.Color)	4294815172 (0xFFFDADC4)
YUV	199.5420, -1.7462, 46.8827
Hunter-Lab	74.1137, 28.3128, 4.2534

Details

The CIELCh color **79, 32.401, 0.443** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94, 29.336, 173.676**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 15.417, 327.148**, and **59, 32.187, 1.003** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.090, 2.074**, and if you desaturate by 10%, it is **85, 21.790, 359.089**.

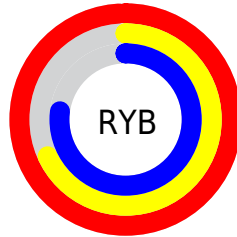
Distribution



Red (99%)

Green (68%)

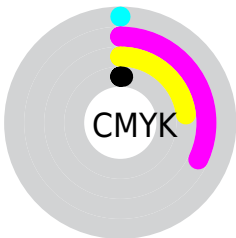
Blue (77%)



Red (99%)

Yellow (68%)

Blue (77%)

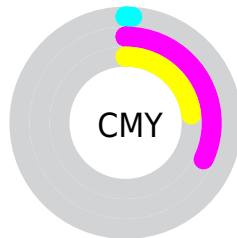


Cyan (0%)

Magenta (32%)

Yellow (23%)

Black (1%)



Cyan (1%)

Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 32.401, 0.443 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, 32.401, 0.443 by changing the saturation by 10% instead.

 79, 32.401, 0.443  79, 32.401, 0.443

 100, 32.401, 0.443  69, 32.401, 0.443

 99, 32.401, 0.443  59, 32.401, 0.443

 49, 32.401, 0.443

 39, 32.401, 0.443

 29, 32.401, 0.443

 19, 32.401, 0.443

 9, 32.401, 0.443

 0, 32.401, 0.443

 79, 32.401, 0.443  79, 32.401, 0.443

73, 43.090, 2.074

85, 21.790,
359.089

68, 53.546, 4.074

92, 11.467,
357.922

63, 63.333, 6.581

59, 71.965, 9.763

98, 1.543, 356.613

56, 79.064, 13.792

100, 0.592,
200.487

54, 84.578, 18.758

53, 88.430, 23.460

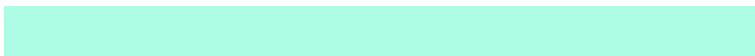
Harmonies

Complementary

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



79, 32.401, 0.443



94, 29.336, 173.676

Rectangle

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



79, 32.401, 0.443



79, 32.401, 50.443



79, 32.401, 180.443



79, 32.401, 230.443

Sweetspot

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



79, 32.398, 0.446



94, 8.905, 357.639



78, 46.734, 317.100



49, 6.207, 357.798



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, 32.398, 0.446



76, 39.474, 1.455



82, 27.000, 39.248



50, 5.631, 357.694



40, 71.130, 22.392



10, 31.515, 13.614

Inverse Universe

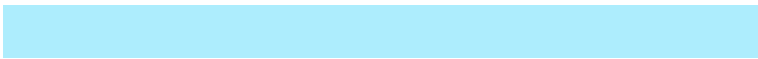
The Inverse Universe completely reimagines the original color for something new.



79, 32.398, 0.446



76, 39.474, 1.455



90, 21.609, 221.014



50, 5.631, 357.694



40, 71.130, 22.392



10, 31.515, 13.614

Previews

White Background



This preview shows how the CIELCh color 79, 32.401, 0.443 looks on a white background.

Color Contrast Check

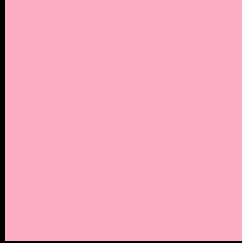
Large Text (above 18pt) WCAG AA × Fail

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, 32.401, 0.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

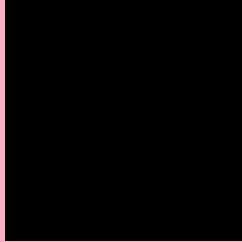
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 32.401, 0.443

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.401, 0.443.



This preview shows how white text looks on a background with the CIELCh color 79, 32.401, 0.443.

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, 32.401, 0.443

Protanopia

79, 7.496, 293.585

Deuteranopia

79, 9.891, 10.906



Tritanopia
79, 30.254, 9.080

Trichromacy



Original Color
79, 32.401, 0.443



Protanomaly
79, 14.308, 341.301



Deuteranomaly
79, 18.135, 3.971

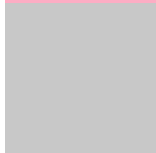


Tritanomaly
79, 30.955, 5.433

Monochromacy



Original Color
79, 32.401, 0.443



Achromatopsia
81, 0.010, 296.813



Achromatomaly
80, 11.809, 356.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.401, 0.443 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(253, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(253, 173, 196)  
}
```

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(253, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 173, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.401, 0.443 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(253, 173, 196) }
```

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

```
.border{ border-color:rgb(253, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(253, 173,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.401, 0.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 173, 196) }
```

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

```
.background{ background-color: rgb(253,  
173, 196) }
```

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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