

Converting Colors

CIELCh(82, 43.529, 12.303)

Have a look what the booklet for
CIELCh(82, 43.529, 12.303) contains.

CIELCh(79, 32.804, 7.572)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 32.804, 7.572)

Conversions

Conversions Part 1

Format	Color
Hex	FFADBBD
RGB	255, 173, 189
RGB Percent	100%, 68%, 74%
CMY	0.0000, 0.3222, 0.2594
CMYK	0.00, 0.32, 0.26, 0.00
HSL	348°, 100%, 84%
HSV	348°, 32%, 100%
XYZ	65.6595, 54.9284, 55.1964
YIQ	199.3420, 43.7360, 22.3600

Conversions

Conversions Part 2

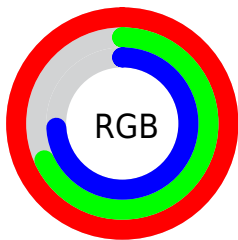
Format	Color
R _Y B	255, 173, 189
Decimal	16756157
CIE Lab	79.00, 32.52, 4.32
CIE LCh	79, 32.804, 7.572
Yxy	54.9284, 0.3735, 0.3125
Android (android.graphics.Color)	4294946237 (0xFFFFADBBD)
YUV	199.3420, -5.0986, 48.8121
Hunter-Lab	74.1137, 28.4394, 7.7232

Details

The CIELCh color **79, 32.804, 7.572** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **95, 28.250, 180.625**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 12.403, 338.655**, and **59, 32.368, 7.426** is the 20% darker color. If you saturate the color by 10%, you get **73, 43.276, 9.099**, and if you desaturate by 10%, it is **85, 21.885, 5.967**.

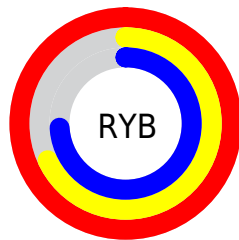
Distribution



Red (100%)

Green (68%)

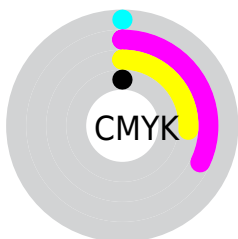
Blue (74%)



Red (100%)

Yellow (68%)

Blue (74%)

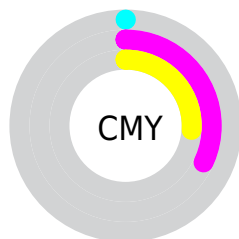


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 32.804, 7.572 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, 32.804, 7.572 by changing the saturation by 10% instead.

 79, 32.804, 7.572  79, 32.804, 7.572

 100, 32.804, 7.572  69, 32.804, 7.572

 99, 32.804, 7.572  59, 32.804, 7.572

 49, 32.804, 7.572


 39, 32.804, 7.572

 29, 32.804, 7.572

 19, 32.804, 7.572

 9, 32.804, 7.572

 0, 32.804, 7.572

 79, 32.804, 7.572  79, 32.804, 7.572

73, 43.276, 9.099

85, 21.885, 5.967

67, 54.061, 11.254

92, 11.729, 4.783

63, 64.424, 13.985

98, 2.073, 3.559

59, 73.936, 17.449

100, 0.012,
296.813

56, 82.272, 21.760

54, 89.364, 26.856

53, 94.245, 31.004

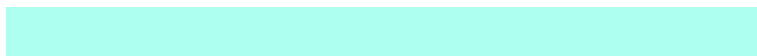
Harmonies

Complementary

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



79, 32.804, 7.572



95, 28.250, 180.625

Rectangle

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



79, 32.804, 7.572



79, 32.804, 57.572



79, 32.804, 187.572



79, 32.804, 237.572

Sweetspot

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



79, 32.457, 7.375



93, 9.544, 4.540



79, 48.951, 320.249



49, 6.536, 4.694



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, 32.457, 7.375



75, 39.785, 8.504



84, 26.559, 49.657



50, 5.419, 4.486



40, 75.207, 29.991



10, 32.015, 18.998

Inverse Universe

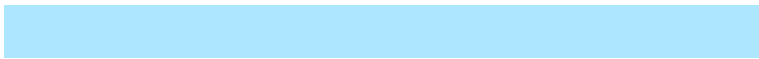
The Inverse Universe completely reimagines the original color for something new.



79, 32.457, 7.375



75, 39.785, 8.504



88, 21.772, 234.897



50, 5.419, 4.486



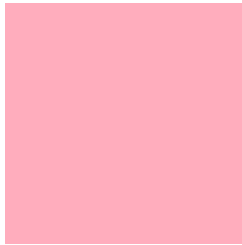
40, 75.207, 29.991



10, 32.015, 18.998

Previews

White Background



This preview shows how the CIELCh color 79, 32.804, 7.572 looks on a white background.

Color Contrast Check

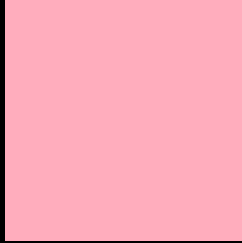
Large Text (above 18pt) WCAG AA × Fail

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, 32.804, 7.572 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, 32.804, 7.572

Background



This preview shows how black text looks on a background with the CIELCh color 79, 32.804, 7.572.



This preview shows how white text looks on a background with the CIELCh color 79, 32.804, 7.572.

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, 32.396, 7.334

Protanopia

79, 3.405, 309.163

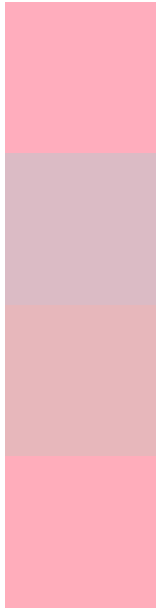
Deuteranopia

79, 11.169, 28.404



Tritanopia
79, 32.226, 10.110

Trichromacy



Original Color
79, 32.396, 7.334

Protanomaly
79, 13.079, 356.499

Deuteranomaly
79, 18.484, 14.380

Tritanomaly
79, 32.274, 9.181

Monochromacy



Original Color
79, 32.396, 7.334

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 11.687, 4.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 32.804, 7.572 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, 173, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 189)  
}
```

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, 173, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 32.804, 7.572 is called "border". The border property can be set on classes, ids or directly on the HTML element.

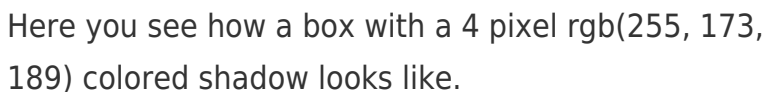
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 173, 189) }
```

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

```
.border{ border-color:rgb(255, 173, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 173, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 173, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 173, 189); box-shadow:4px 4px 4px 4px rgb(255, 173, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 32.804, 7.572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 189) }
```

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

```
.background{ background-color: rgb(255,  
173, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor