

Converting Colors

CIELCh(75, 40.235, 3.431)

Have a look what the booklet for
CIELCh(75, 40.235, 3.431) contains.

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Color

CIELCh(75, 40.092, 3.401)

Conversions

Conversions Part 1

Format	Color
Hex	FF9CB6
RGB	255, 156, 182
RGB Percent	100%, 61%, 71%
CMY	0.0010, 0.3891, 0.2872
CMYK	0.00, 0.39, 0.29, 0.00
HSL	344°, 99%, 80%
HSV	344°, 39%, 100%
XYZ	61.4146, 48.2781, 50.2121
YIQ	188.5650, 50.6580, 29.0740

Conversions

Conversions Part 2

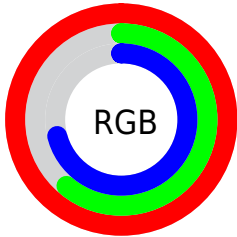
Format	Color
R _Y B	255, 156, 182
Decimal	16751798
CIE Lab	75.00, 40.02, 2.38
CIE LCh	75, 40.092, 3.401
Yxy	48.2781, 0.3841, 0.3019
Android (android.graphics.Color)	4294941878 (0xFFFF9CB6)
YUV	188.5650, -3.2365, 58.2635
Hunter-Lab	69.4824, 36.1796, 5.7913

Details

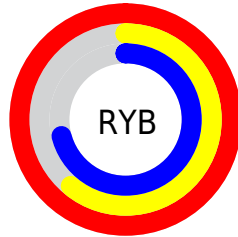
The CIELCh color **75, 40.092, 3.401** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 35.015, 174.626**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 20.471, 339.715**, and **55, 39.938, 3.627** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.734, 5.330**, and if you desaturate by 10%, it is **81, 29.360, 1.833**.

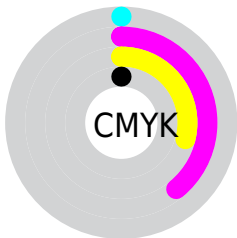
Distribution



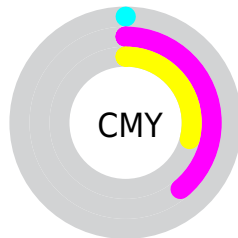
- Red (100%)
- Green (61%)
- Blue (71%)



- Red (100%)
- Yellow (61%)
- Blue (71%)



- Cyan (0%)
- Magenta (39%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 40.092, 3.401 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 75, 40.092, 3.401 by changing the saturation by 10% instead.

 75, 40.092, 3.401  75, 40.092, 3.401

 100, 40.092, 3.401  65, 40.092, 3.401

 95, 40.092, 3.401  55, 40.092, 3.401

 45, 40.092, 3.401

 35, 40.092, 3.401

 25, 40.092, 3.401

 15, 40.092, 3.401

 5, 40.092, 3.401

 0, 40.092, 3.401

 75, 40.092, 3.401  75, 40.092, 3.401

69, 50.734, 5.330

81, 29.360, 1.833

64, 60.902, 7.740

87, 18.824, 0.522

60, 70.124, 10.797

94, 8.646, 359.383

57, 77.985, 14.671

100, 0.089,
206.894

55, 84.332, 19.463

54, 89.505, 25.005

54, 90.105, 25.633

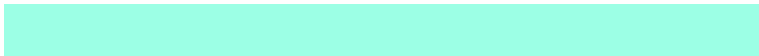
Harmonies

Complementary

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



75, 40.092, 3.401



93, 35.015, 174.626

Rectangle

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



75, 40.092, 3.401



75, 40.092, 53.401



75, 40.092, 183.401



75, 40.092, 233.401

Sweetspot

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



75, 40.089, 3.403



92, 11.816, 359.730



74, 58.187, 318.455



48, 7.860, 359.876



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 40.089, 3.403



70, 48.827, 4.941



79, 33.766, 42.627



50, 5.567, 359.455



40, 72.092, 24.551



10, 31.634, 15.217

Inverse Universe

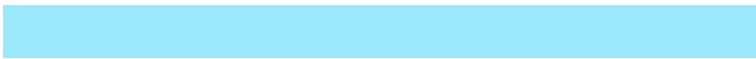
The Inverse Universe completely reimagines the original color for something new.



75, 40.089, 3.403



70, 48.827, 4.941



88, 25.657, 226.365



50, 5.567, 359.455



40, 72.092, 24.551



10, 31.634, 15.217

Previews

White Background



This preview shows how the CIELCh color 75, 40.092, 3.401 looks on a white background.

Color Contrast Check

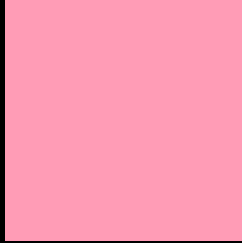
Large Text (above 18pt) WCAG AA × Fail

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 75, 40.092, 3.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

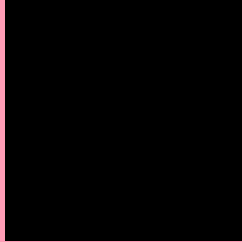
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 40.092, 3.401

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.092, 3.401.

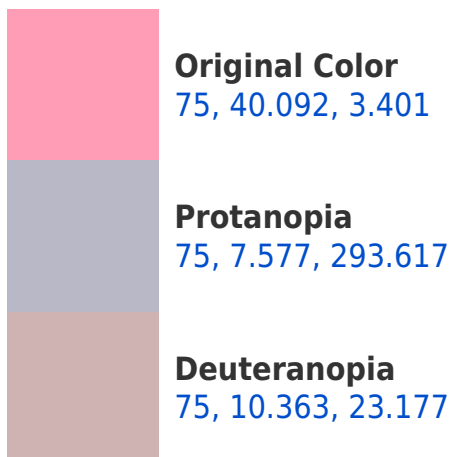


This preview shows how white text looks on a background with the CIELCh color 75, 40.092, 3.401.

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
75, 38.189, 13.591

Trichromacy



Original Color
75, 40.092, 3.401



Protanomaly
75, 16.577, 345.114



Deuteranomaly
75, 20.859, 9.469



Tritanomaly
75, 38.700, 9.831

Monochromacy



Original Color
75, 40.092, 3.401



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 14.638, 359.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.092, 3.401 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, 156, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 182)  
}
```

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, 156, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.092, 3.401 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, 156, 182) }
```

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

```
.border{ border-color:rgb(255, 156, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.092, 3.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 182) }
```

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

```
.background{ background-color: rgb(255,  
156, 182) }
```

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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