

Converting Colors

CIELCh(75, 41.198, 1.748)

Have a look what the booklet for
CIELCh(75, 41.198, 1.748) contains.

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Color

CIELCh(75, 40.811, 1.472)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BB8
RGB	255, 155, 184
RGB Percent	100%, 61%, 72%
CMY	0.0000, 0.3914, 0.2777
CMYK	0.00, 0.39, 0.28, 0.00
HSL	343°, 100%, 80%
HSV	343°, 39%, 100%
XYZ	61.7460, 48.2781, 51.5199
YIQ	188.2060, 50.2910, 30.2190

Conversions

Conversions Part 2

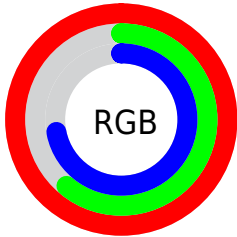
Format	Color
R _Y B	255, 155, 184
Decimal	16751544
CIE Lab	75.00, 40.80, 1.05
CIE LCh	75, 40.811, 1.472
Yxy	48.2781, 0.3822, 0.2989
Android (android.graphics.Color)	4294941624 (0xFFFF9BB8)
YUV	188.2060, -2.0736, 58.5783
Hunter-Lab	69.4824, 37.0310, 4.6753

Details

The CIELCh color $75, 40.811, 1.472$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 36.019, 172.560$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 21.758, 337.242$, and $55, 40.644, 1.601$ is the 20% darker color. If you saturate the color by 10%, you get $69, 51.335, 3.313$, and if you desaturate by 10%, it is $81, 29.974, 359.869$.

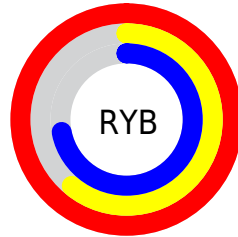
Distribution



Red (100%)

Green (61%)

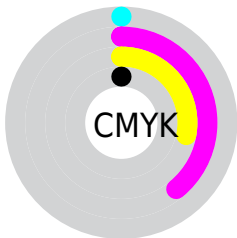
Blue (72%)



Red (100%)

Yellow (61%)

Blue (72%)

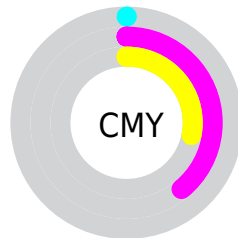


Cyan (0%)

Magenta (39%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 40.811, 1.472 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, 40.811, 1.472 by changing the saturation by 10% instead.

 75, 40.811, 1.472

 75, 40.811, 1.472

 100, 40.811, 1.472

 65, 40.811, 1.472

 95, 40.811, 1.472

 55, 40.811, 1.472

 45, 40.811, 1.472

 35, 40.811, 1.472

 25, 40.811, 1.472

 15, 40.811, 1.472

 5, 40.811, 1.472

 0, 40.811, 1.472

 75, 40.811, 1.472

 75, 40.811, 1.472

69, 51.335, 3.313

81, 29.974,
359.869

64, 61.371, 5.675

87, 19.355,
358.568

60, 70.353, 8.667

57, 77.851, 12.466

94, 9.056, 357.434

55, 83.712, 17.197

100, 0.012,
296.813

54, 88.334, 22.728

54, 88.740, 23.204

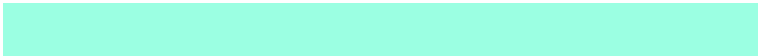
Harmonies

Complementary

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



75, 40.811, 1.472



93, 36.019, 172.560

Rectangle

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



75, 40.811, 1.472



75, 40.811, 51.472



75, 40.811, 181.472



75, 40.811, 231.472

Sweetspot

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



75, 40.732, 1.420



92, 11.966, 357.748



74, 58.318, 317.421



48, 7.958, 357.893



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, 40.732, 1.420



71, 49.102, 2.874



79, 34.718, 39.423



50, 5.640, 357.474



40, 71.016, 22.113



10, 31.501, 13.402

Inverse Universe

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



75, 40.732, 1.420



71, 49.102, 2.874



89, 26.085, 221.691



50, 5.640, 357.474



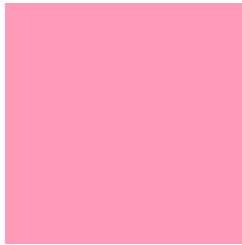
40, 71.016, 22.113



10, 31.501, 13.402

Previews

White Background



This preview shows how the CIELCh color 75, 40.811, 1.472 looks on a white background.

Color Contrast Check

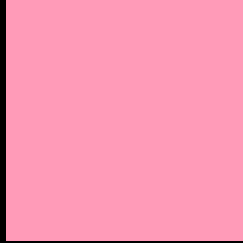
Large Text (above 18pt) WCAG AA × Fail

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, 40.811, 1.472 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, 40.811, 1.472

Background



This preview shows how black text looks on a background with the CIELCh color 75, 40.811, 1.472.

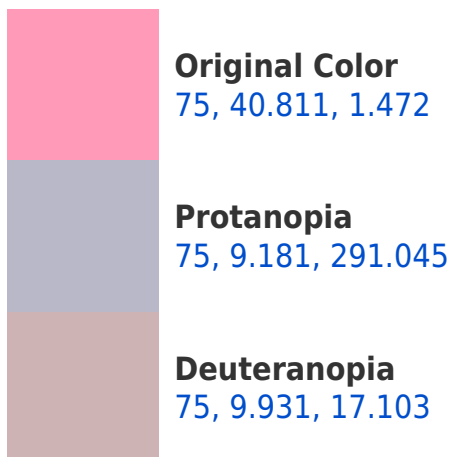


This preview shows how white text looks on a background with the CIELCh color 75, 40.811, 1.472.

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, 40.811, 1.472



Protanomaly
75, 17.521, 340.758



Deuteranomaly
75, 21.252, 3.772



Tritanomaly
75, 38.740, 9.049

Monochromacy



Original Color
75, 40.811, 1.472



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 14.820, 357.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 40.811, 1.472 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, 155, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 184)  
}
```

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, 155, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 40.811, 1.472 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, 155, 184) }
```

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

```
.border{ border-color:rgb(255, 155, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 40.811, 1.472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 184) }
```

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

```
.background{ background-color: rgb(255,  
155, 184) }
```

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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