

Converting Colors

CIELCh(75, 44.924, 349.444)

Have a look what the booklet for
CIELCh(75, 44.924, 349.444)
contains.

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Color

CIELCh(75, 44.918, 349.459)

Conversions

Conversions Part 1

Format	Color
Hex	FF99C9
RGB	255, 153, 201
RGB Percent	100%, 60%, 79%
CMY	0.0000, 0.3998, 0.2116
CMYK	0.00, 0.40, 0.21, 0.00
HSL	332°, 100%, 80%
HSV	332°, 40%, 100%
XYZ	63.1956, 48.2781, 61.2661
YIQ	188.9700, 45.3840, 36.5520

Conversions

Conversions Part 2

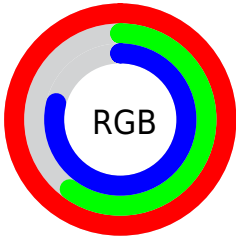
Format	Color
R_{YB}	255, 153, 201
Decimal	16751049
CIE _{Lab}	75.00, 44.16, -8.22
CIE _{LCh}	75, 44.918, 349.459
Yxy	48.2781, 0.3658, 0.2795
Android (android.graphics.Color)	4294941129 (0xFFFF99C9)
YUV	188.9700, 5.9308, 57.9083
Hunter-Lab	69.4824, 40.7548, -3.6412

Details

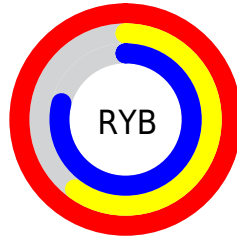
The CIELCh color **75, 44.918, 349.459** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 42.465, 161.196**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.837, 325.429**, and **55, 44.551, 349.476** is the 20% darker color. If you saturate the color by 10%, you get **70, 55.629, 350.943**, and if you desaturate by 10%, it is **81, 33.661, 348.180**.

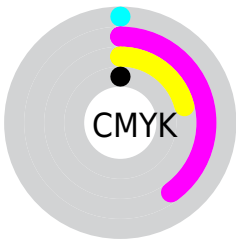
Distribution



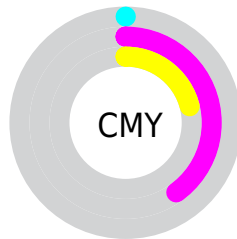
- Red (100%)
- Green (60%)
- Blue (79%)



- Red (100%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 44.918, 349.459 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, 44.918, 349.459 by changing the saturation by 10% instead.

 75, 44.918,
349.459

 75, 44.918,
349.459


 100, 44.918,
349.459


 65, 44.918,
349.459


 95, 44.918,
349.459

 55, 44.918,
349.459

 45, 44.918,
349.459

 35, 44.918,
349.459

 25, 44.918,
349.459

 15, 44.918,
349.459

 5, 44.918, 349.459

75, 44.918,
349.459

75, 44.918,
349.459

70, 55.629,
350.943

81, 33.661,
348.180

65, 65.327,
352.747

87, 22.275,
347.075

61, 73.407,
354.984

93, 11.001,
346.083

58, 79.333,
357.810

100, 0.012,
296.813

56, 82.853, 1.402

55, 84.430, 5.811

55, 84.432, 5.818

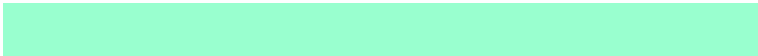
Harmonies

Complementary

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



75, 44.918, 349.459



93, 42.465, 161.196

Rectangle

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



75, 44.918, 349.459



75, 44.918, 39.459



75, 44.918, 169.459



75, 44.918, 219.459

Sweetspot

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



75, 44.905, 349.449



92, 13.256, 346.277



72, 58.009, 311.628



48, 8.807, 346.404



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, 44.905, 349.449



71, 53.565, 350.625



74, 40.891, 24.506



50, 6.260, 346.037



41, 68.033, 4.927



10, 31.623, 358.879

Inverse Universe

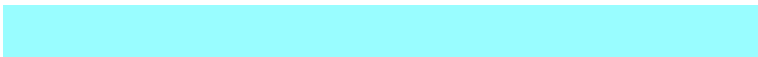
The Inverse Universe completely reimagines the original color for something new.



75, 44.905, 349.449



71, 53.565, 350.625



94, 30.597, 199.189



50, 6.260, 346.037



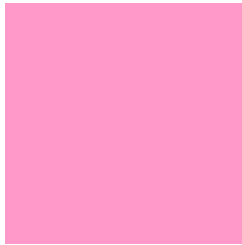
41, 68.033, 4.927



10, 31.623, 358.879

Previews

White Background



This preview shows how the CIELCh color 75, 44.918, 349.459 looks on a white background.

Color Contrast Check

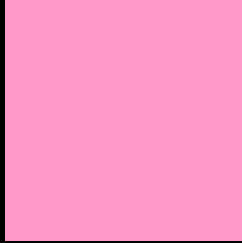
Large Text (above 18pt) WCAG AA × Fail

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, 44.918, 349.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

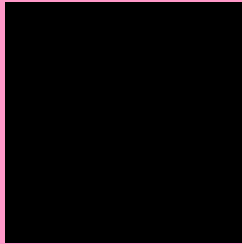
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 44.918, 349.459

Background



This preview shows how black text looks on a background with the CIELCh color 75, 44.918, 349.459.



This preview shows how white text looks on a background with the CIELCh color 75, 44.918, 349.459.

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

75, 44.918, 349.459

Protanopia

75, 20.579, 286.453

Deuteranopia

75, 10.923, 328.111



Tritanopia
75, 36.973, 13.128

Trichromacy



Original Color
75, 44.918, 349.459



Protanomaly
74, 25.655, 319.239



Deuteranomaly
75, 23.552, 341.825

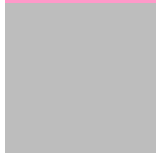


Tritanomaly
75, 38.876, 3.410

Monochromacy



Original Color
75, 44.918, 349.459



Achromatopsia
77, 0.009, 296.813



Achromatomaly
75, 16.567, 347.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 44.918, 349.459 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, 153, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 201)  
}
```

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, 153, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 44.918, 349.459 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, 153, 201) }
```

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

```
.border{ border-color:rgb(255, 153, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 153, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 44.918, 349.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 201) }
```

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

```
.background{ background-color: rgb(255,  
153, 201) }
```

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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