

Converting Colors

CIELCh(75, 54.138, 340.279)

Have a look what the booklet for
CIELCh(75, 54.138, 340.279)
contains.

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Color

CIELCh(75, 52.823, 339.186)

Conversions

Conversions Part 1

Format	Color
Hex	FF95DC
RGB	255, 149, 220
RGB Percent	100%, 58%, 86%
CMY	0.0000, 0.4147, 0.1361
CMYK	0.00, 0.41, 0.14, 0.00
HSL	320°, 100%, 79%
HSV	320°, 41%, 100%
XYZ	65.4886, 48.2781, 73.7796
YIQ	188.7880, 40.3850, 44.5530

Conversions

Conversions Part 2

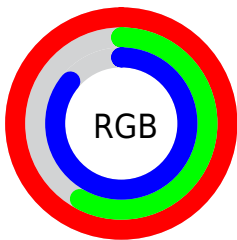
Format	Color
R_{YB}	255, 149, 220
Decimal	16750044
CIE _{Lab}	75.00, 49.38, -18.77
CIE _{LCh}	75, 52.823, 339.186
Yxy	48.2781, 0.3492, 0.2574
Android (android.graphics.Color)	4294940124 (0xFFFF95DC)
YUV	188.7880, 15.3875, 58.0679
Hunter-Lab	69.4824, 46.6457, -14.3191

Details

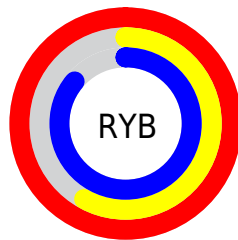
The CIELCh color **75, 52.823, 339.186** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 51.762, 151.665**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.354, 325.516**, and **55, 52.598, 338.638** is the 20% darker color. If you saturate the color by 10%, you get **70, 64.053, 339.744**, and if you desaturate by 10%, it is **80, 40.130, 337.850**.

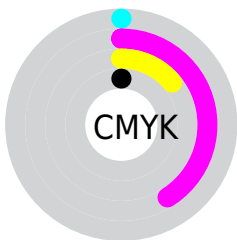
Distribution



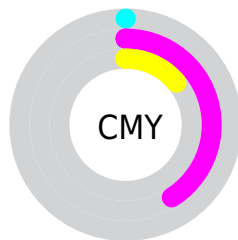
- Red (100%)
- Green (58%)
- Blue (86%)



- Red (100%)
- Yellow (58%)
- Blue (86%)



- Cyan (0%)
- Magenta (41%)
- Yellow (14%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 52.823, 339.186 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, 52.823, 339.186 by changing the saturation by 10% instead.


 75, 52.823,
339.186


 75, 52.823,
339.186


 100, 52.823,
339.186


 65, 52.823,
339.186


 95, 52.823,
339.186

 55, 52.823,
339.186

 45, 52.823,
339.186

 35, 52.823,
339.186

 25, 52.823,
339.186

 15, 52.823,
339.186

 5, 52.823, 339.186

■ 0, 52.823, 339.186

■ 75, 52.823,
339.186

■ 75, 52.823,
339.186

■ 70, 64.053,
339.744

■ 80, 40.130,
337.850

■ 65, 74.173,
340.864

■ 86, 27.362,
337.020

■ 62, 82.229,
342.162

■ 93, 14.531,
336.240

■ 59, 87.652,
343.712

■ 99, 1.848, 335.328

■ 57, 90.167,
345.605

100, 0.012,
296.813

■ 56, 90.376,
347.526

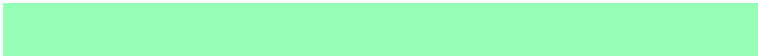
Harmonies

Complementary

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



75, 52.823, 339.186



92, 51.762, 151.665

Rectangle

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



75, 52.823, 339.186



75, 52.823, 29.186



75, 52.823, 159.186



75, 52.823, 209.186

Sweetspot

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



75, 52.512, 338.751



92, 15.214, 336.281



69, 59.122, 305.380



48, 10.101, 336.381



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, 52.512, 338.751



70, 62.434, 339.591



73, 42.421, 9.818



50, 7.194, 336.090



42, 73.037, 347.081



11, 34.437, 344.115

Inverse Universe

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



75, 52.512, 338.751



70, 62.434, 339.591



93, 35.101, 180.570



50, 7.194, 336.090



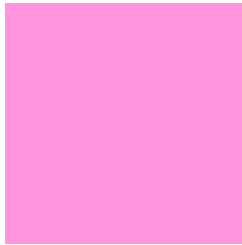
42, 73.037, 347.081



11, 34.437, 344.115

Previews

White Background



This preview shows how the CIELCh color 75, 52.823, 339.186 looks on a white background.

Color Contrast Check

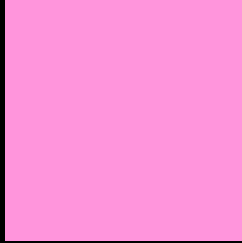
Large Text (above 18pt) WCAG AA × Fail

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, 52.823, 339.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

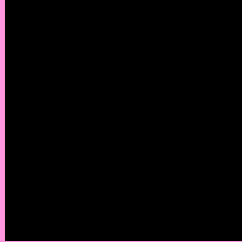
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 52.823, 339.186

Background



This preview shows how black text looks on a background with the CIELCh color 75, 52.823, 339.186.

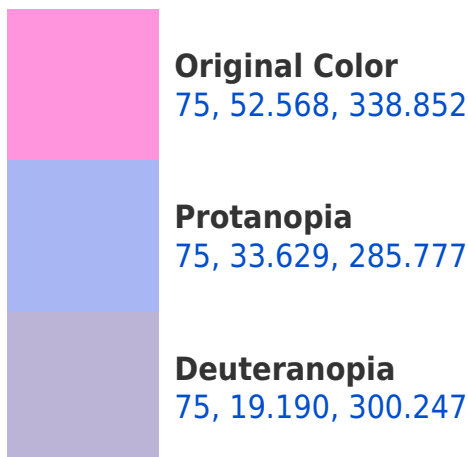


This preview shows how white text looks on a background with the CIELCh color 75, 52.823, 339.186.

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, 35.799, 12.668

Trichromacy



Original Color
75, 52.568, 338.852



Protanomaly
74, 36.780, 309.127



Deuteranomaly
74, 30.144, 322.660



Tritanomaly
75, 40.153, 356.777

Monochromacy



Original Color
75, 52.568, 338.852



Achromatopsia
77, 0.009, 296.813



Achromatomaly
75, 19.428, 337.327

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 52.823, 339.186 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, 149, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 220)  
}
```

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, 149, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 52.823, 339.186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

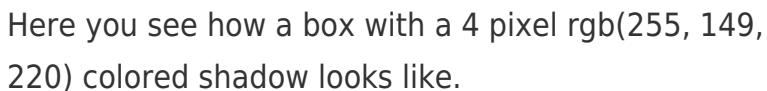
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 149, 220) }
```

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

```
.border{ border-color:rgb(255, 149, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 149, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 149, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 149, 220); box-shadow:4px 4px 4px 4px rgb(255, 149, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 52.823, 339.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 220) }
```

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

```
.background{ background-color: rgb(255,  
149, 220) }
```

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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