

Converting Colors

CIELCh(75, 43.716, 349.584)

Have a look what the booklet for
CIELCh(75, 43.716, 349.584)
contains.

CIELCh(75, 43.538, 349.703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 43.538, 349.703)

Conversions

Conversions Part 1

Format	Color
Hex	FD9AC8
RGB	253, 154, 200
RGB Percent	99%, 60%, 78%
CMY	0.0070, 0.3953, 0.2149
CMYK	0.00, 0.39, 0.21, 0.01
HSL	332°, 97%, 80%
HSV	332°, 39%, 99%
XYZ	62.6225, 48.2781, 60.7834
YIQ	188.8450, 44.2380, 35.2940

Conversions

Conversions Part 2

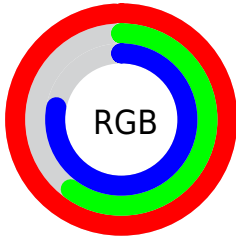
Format	Color
R _Y B	253, 154, 200
Decimal	16620232
CIE Lab	75.00, 42.84, -7.78
CIE LCh	75, 43.538, 349.703
Yxy	48.2781, 0.3648, 0.2812
Android (android.graphics.Color)	4294810312 (0xFFFD9AC8)
YUV	188.8450, 5.4994, 56.2639
Hunter-Lab	69.4824, 39.2825, -3.2293

Details

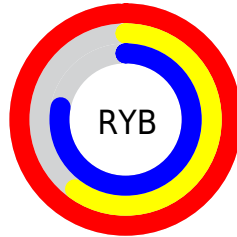
The CIELCh color **75, 43.538, 349.703** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 41.138, 161.644**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **55, 43.468, 350.034** is the 20% darker color. If you saturate the color by 10%, you get **70, 54.245, 351.190**, and if you desaturate by 10%, it is **81, 32.357, 348.441**.

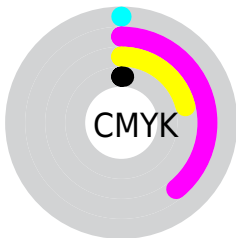
Distribution



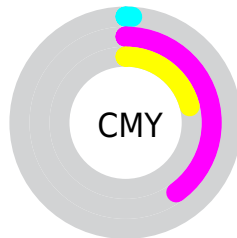
- Red (99%)
- Green (60%)
- Blue (78%)



- Red (99%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (1%)





- Cyan (1%)
- Magenta (40%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 43.538, 349.703 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, 43.538, 349.703 by changing the saturation by 10% instead.


 75, 43.538,
349.703


 75, 43.538,
349.703


 100, 43.538,
349.703


 65, 43.538,
349.703


 95, 43.538,
349.703

 55, 43.538,
349.703

 45, 43.538,
349.703

 35, 43.538,
349.703

 25, 43.538,
349.703

 15, 43.538,
349.703

 5, 43.538, 349.703

0, 43.538, 349.703

75, 43.538,
349.703

75, 43.538,
349.703

70, 54.245,
351.190

81, 32.357,
348.441

65, 63.997,
352.984

87, 21.072,
347.340

61, 72.208,
355.205

93, 9.921, 346.348

58, 78.336,
358.011

100, 0.683,
175.473

55, 82.099, 1.578

100, 0.620,
200.434

54, 83.838, 5.993

54, 83.975, 6.407

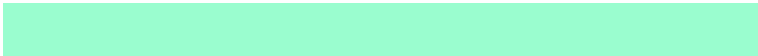
Harmonies

Complementary

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



75, 43.538, 349.703



92, 41.138, 161.644

Rectangle

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



75, 43.538, 349.703



75, 43.538, 39.703



75, 43.538, 169.703



75, 43.538, 219.703

Sweetspot

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



75, 43.535, 349.704



92, 13.204, 346.629



72, 56.489, 312.115



48, 8.772, 346.757



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, 43.535, 349.704



71, 52.351, 350.858



75, 39.071, 25.548



50, 6.235, 346.387



41, 68.012, 5.523



10, 31.580, 359.383

Inverse Universe

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



75, 43.535, 349.704



71, 52.351, 350.858



93, 29.369, 200.959



50, 6.235, 346.387



41, 68.012, 5.523



10, 31.580, 359.383

Previews

White Background



This preview shows how the CIELCh color 75, 43.538, 349.703 looks on a white background.

Color Contrast Check

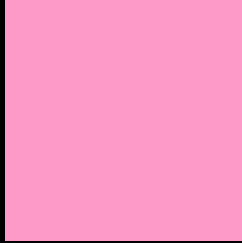
Large Text (above 18pt) WCAG AA × Fail

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, 43.538, 349.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

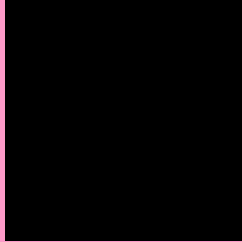
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 43.538, 349.703

Background



This preview shows how black text looks on a background with the CIELCh color 75, 43.538, 349.703.



This preview shows how white text looks on a background with the CIELCh color 75, 43.538, 349.703.

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, 43.538, 349.703

Protanopia
75, 19.483, 286.999

Deuteranopia
75, 10.923, 328.111



Tritanopia
75, 36.190, 12.824

Trichromacy



Original Color
75, 43.538, 349.703



Protanomaly
75, 24.064, 320.242



Deuteranomaly
75, 22.646, 341.596

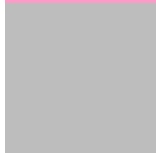


Tritanomaly
75, 38.155, 2.918

Monochromacy



Original Color
75, 43.538, 349.703



Achromatopsia
77, 0.009, 296.813



Achromatomaly
75, 16.255, 346.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 43.538, 349.703 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(253, 154, 200)` looks like.

```
.text, #text, p{  
    color:rgb(253, 154, 200)  
}
```

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(253, 154, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 154, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 43.538, 349.703 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(253, 154, 200) }
```

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

```
.border{ border-color:rgb(253, 154, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 154, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 154, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 154, 200);  
box-shadow:4px 4px 4px 4px rgb(253, 154,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 43.538, 349.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 154, 200) }
```

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

```
.background{ background-color: rgb(253,  
154, 200) }
```

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