

Converting Colors

CIELCh(75, 48.733, 343.557)

Have a look what the booklet for
CIELCh(75, 48.733, 343.557)
contains.

CIELCh(75, 48.661, 343.446)	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, 48.661, 343.446)

Conversions

Conversions Part 1

Format	Color
Hex	FF97D3
RGB	255, 151, 211
RGB Percent	100%, 59%, 83%
CMY	0.0000, 0.4066, 0.1713
CMYK	0.00, 0.41, 0.17, 0.00
HSL	325°, 100%, 80%
HSV	325°, 41%, 100%
XYZ	64.2809, 48.2781, 67.7698
YIQ	188.9360, 42.7240, 40.7080

Conversions

Conversions Part 2

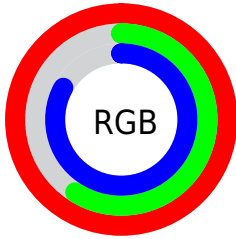
Format	Color
R _Y B	255, 151, 211
Decimal	16750547
CIE Lab	75.00, 46.64, -13.86
CIE LCh	75, 48.661, 343.446
Yxy	48.2781, 0.3565, 0.2677
Android (android.graphics.Color)	4294940627 (0xFFFF97D3)
YUV	188.9360, 10.8776, 57.9381
Hunter-Lab	69.4824, 43.5430, -9.1909

Details

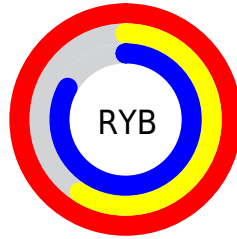
The CIELCh color **75, 48.661, 343.446** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 47.146, 155.731**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 30.096, 325.472**, and **55, 48.629, 343.479** is the 20% darker color. If you saturate the color by 10%, you get **70, 59.667, 344.551**, and if you desaturate by 10%, it is **81, 36.775, 342.271**.

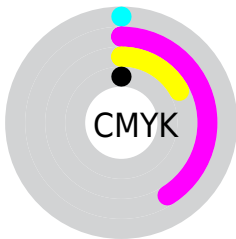
Distribution



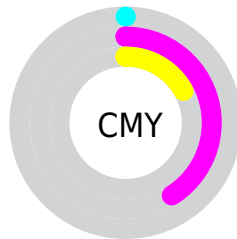
- Red (100%)
- Green (59%)
- Blue (83%)



- Red (100%)
- Yellow (59%)
- Blue (83%)



- Cyan (0%)
- Magenta (41%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (41%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 48.661, 343.446 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, 48.661, 343.446 by changing the saturation by 10% instead.

 75, 48.661,
343.446

 75, 48.661,
343.446

 100, 48.661,
343.446

 65, 48.661,
343.446

 95, 48.661,
343.446

 55, 48.661,
343.446

 45, 48.661,
343.446

 35, 48.661,
343.446

 25, 48.661,
343.446

 15, 48.661,
343.446

 5, 48.661, 343.446

■ 0, 48.661, 343.446

■ 75, 48.661,
343.446

■ 75, 48.661,
343.446

■ 70, 59.667,
344.551

■ 81, 36.775,
342.271

■ 65, 69.516,
345.974

■ 87, 24.703,
341.317

■ 61, 77.488,
347.687

■ 93, 12.643,
340.442

■ 58, 83.015,
349.805

■ 100, 0.781,
339.110

■ 56, 85.811,
352.464

■ 100, 0.012,
296.813

■ 55, 86.348,
355.496

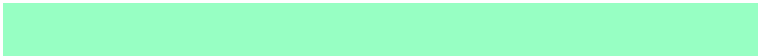
Harmonies

Complementary

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



75, 48.661, 343.446



93, 47.146, 155.731

Rectangle

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



75, 48.661, 343.446



75, 48.661, 33.446



75, 48.661, 163.446



75, 48.661, 213.446

Sweetspot

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



75, 48.570, 343.336



92, 14.252, 340.556



70, 58.383, 308.475



48, 9.465, 340.668



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, 48.570, 343.336



71, 57.896, 344.337



74, 41.609, 17.270



50, 6.736, 340.343



42, 69.741, 354.843



11, 32.824, 350.489

Inverse Universe

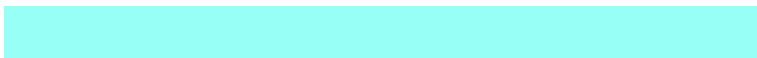
The Inverse Universe completely reimagines the original color for something new.



75, 48.570, 343.336



71, 57.896, 344.337



94, 32.588, 189.468



50, 6.736, 340.343



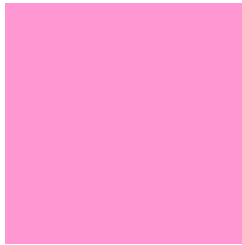
42, 69.741, 354.843



11, 32.824, 350.489

Previews

White Background



This preview shows how the CIELCh color 75, 48.661, 343.446 looks on a white background.

Color Contrast Check

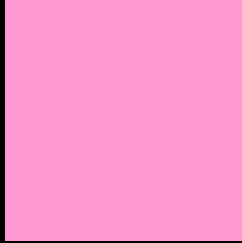
Large Text (above 18pt) WCAG AA × Fail

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, 48.661, 343.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

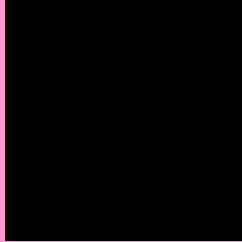
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 48.661, 343.446

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.661, 343.446.



This preview shows how white text looks on a background with the CIELCh color 75, 48.661, 343.446.

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, 36.582, 12.977

Trichromacy



Original Color
75, 48.661, 343.446



Protanomaly
74, 31.382, 313.289



Deuteranomaly
75, 26.422, 330.942



Tritanomaly
75, 39.509, 359.667

Monochromacy



Original Color
75, 48.661, 343.446



Achromatopsia
77, 0.009, 296.813



Achromatomaly
75, 18.400, 341.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.661, 343.446 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, 151, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 211)  
}
```

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, 151, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.661, 343.446 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, 151, 211) }
```

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

```
.border{ border-color:rgb(255, 151, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.661, 343.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 211) }
```

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

```
.background{ background-color: rgb(255,  
151, 211) }
```

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