

Converting Colors

CIELCh(75, 48.540, 334.543)

Have a look what the booklet for
CIELCh(75, 48.540, 334.543)
contains.

CIELCh(75, 48.436, 334.594)	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, 48.436, 334.594)

Conversions

Conversions Part 1

Format	Color
Hex	F69BE0
RGB	246, 155, 224
RGB Percent	96%, 61%, 88%
CMY	0.0363, 0.3931, 0.1225
CMYK	0.00, 0.37, 0.09, 0.04
HSL	315°, 83%, 79%
HSV	315°, 37%, 96%
XYZ	63.0184, 48.2781, 76.3421
YIQ	190.0750, 32.0870, 40.7510

Conversions

Conversions Part 2

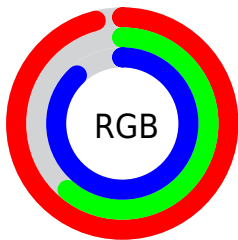
Format	Color
R _Y B	246, 155, 224
Decimal	16161760
CIE Lab	75.00, 43.75, -20.78
CIE LCh	75, 48.436, 334.594
Yxy	48.2781, 0.3358, 0.2573
Android (android.graphics.Color)	4294351840 (0xFFFF69BE0)
YUV	190.0750, 16.7250, 49.0462
Hunter-Lab	69.4824, 40.2996, -16.5057

Details

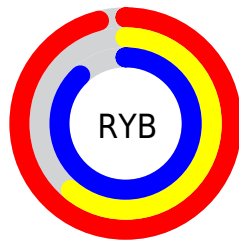
The CIELCh color **75, 48.436, 334.594** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90, 48.136, 148.943**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 27.578, 325.385**, and **55, 48.334, 334.361** is the 20% darker color. If you saturate the color by 10%, you get **70, 60.681, 335.377**, and if you desaturate by 10%, it is **81, 35.516, 333.851**.

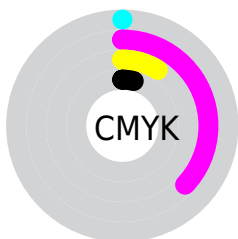
Distribution



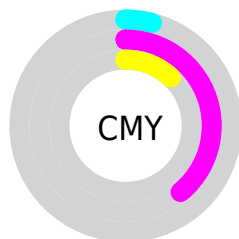
- Red (96%)
- Green (61%)
- Blue (88%)



- Red (96%)
- Yellow (61%)
- Blue (88%)



- Cyan (0%)
- Magenta (37%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (39%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 48.436, 334.594 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, 48.436, 334.594 by changing the saturation by 10% instead.


 75, 48.436,
334.594


 75, 48.436,
334.594


 100, 48.436,
334.594


 65, 48.436,
334.594


 95, 48.436,
334.594

 55, 48.436,
334.594

 45, 48.436,
334.594

 35, 48.436,
334.594

 25, 48.436,
334.594

 15, 48.436,
334.594

 5, 48.436, 334.594

0, 48.436, 334.594

75, 48.436,
334.594

75, 48.436,
334.594

70, 60.681,
335.377

81, 35.516,
333.851

65, 71.737,
336.212

86, 22.330,
333.140

62, 80.987,
337.118

92, 9.154, 332.444

59, 87.828,
338.128

99, 3.832, 151.943

57, 91.842,
339.289

99, 3.315, 185.667

55, 93.024,
340.656

99, 3.202, 199.409

■ 55, 93.074,
341.093

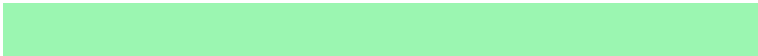
Harmonies

Complementary

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



75, 48.436, 334.594



90, 48.136, 148.943

Rectangle

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



75, 48.436, 334.594



75, 48.436, 24.594



75, 48.436, 154.594



75, 48.436, 204.594

Sweetspot

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



75, 48.433, 334.594



93, 14.820, 332.723



69, 50.584, 302.321



49, 9.967, 332.817



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, 48.433, 334.594



74, 58.810, 335.143



74, 37.063, 2.788



48, 7.400, 332.617



42, 75.783, 340.815



10, 34.480, 338.764

Inverse Universe

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



75, 48.433, 334.594



74, 58.810, 335.143



91, 32.659, 174.554



48, 7.400, 332.617



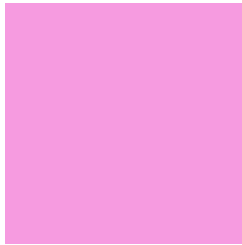
42, 75.783, 340.815



10, 34.480, 338.764

Previews

White Background



This preview shows how the CIELCh color 75, 48.436, 334.594 looks on a white background.

Color Contrast Check

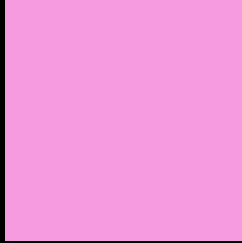
Large Text (above 18pt) WCAG AA × Fail

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, 48.436, 334.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

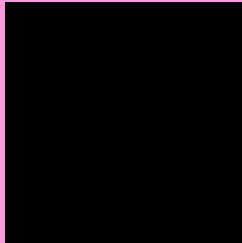
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 48.436, 334.594

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.436, 334.594.

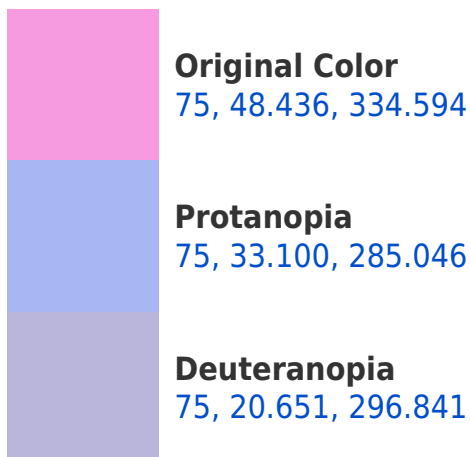


This preview shows how white text looks on a background with the CIELCh color 75, 48.436, 334.594.

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, 30.169, 10.068

Trichromacy



Original Color
75, 48.436, 334.594



Protanomaly
75, 35.626, 305.639



Deuteranomaly
75, 30.076, 317.957

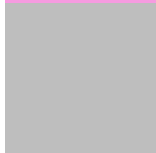


Tritanomaly
75, 34.652, 353.326

Monochromacy



Original Color
75, 48.436, 334.594



Achromatopsia
77, 0.009, 296.813



Achromatomaly
76, 18.126, 333.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.436, 334.594 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(246, 155, 224)` looks like.

```
.text, #text, p{  
    color:rgb(246, 155, 224)  
}
```

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(246, 155, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 155, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.436, 334.594 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(246, 155, 224) }
```

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

```
.border{ border-color:rgb(246, 155, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 155, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 155, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 155, 224);  
box-shadow:4px 4px 4px 4px rgb(246, 155,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.436, 334.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 155, 224) }
```

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

```
.background{ background-color: rgb(246,  
155, 224) }
```

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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