

Converting Colors

CIELCh(76, 37.091, 347.975)

Have a look what the booklet for
CIELCh(76, 37.091, 347.975)
contains.

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Color

CIELCh(76, 37.062, 347.959)

Conversions

Conversions Part 1

Format	Color
Hex	F6A3CB
RGB	246, 163, 203
RGB Percent	96%, 64%, 80%
CMY	0.0368, 0.3621, 0.2053
CMYK	0.00, 0.34, 0.17, 0.04
HSL	331°, 82%, 80%
HSV	331°, 34%, 96%
XYZ	61.6432, 49.8872, 62.6551
YIQ	192.3770, 36.6280, 30.0360

Conversions

Conversions Part 2

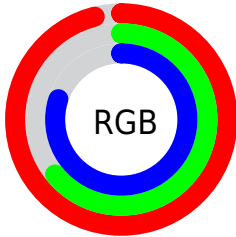
Format	Color
R _Y B	246, 163, 203
Decimal	16163787
CIE Lab	76.00, 36.25, -7.73
CIE LCh	76, 37.062, 347.959
Yxy	49.8872, 0.3539, 0.2864
Android (android.graphics.Color)	4294353867 (0xFFF6A3CB)
YUV	192.3770, 5.2371, 47.0274
Hunter-Lab	70.6309, 32.1820, -3.1532

Details

The CIELCh color **76, 37.062, 347.959** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **91, 35.410, 161.356**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 22.540, 325.209**, and **56, 36.947, 347.784** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.873, 349.277**, and if you desaturate by 10%, it is **82, 25.973, 346.821**.

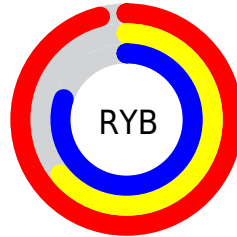
Distribution



Red (96%)

Green (64%)

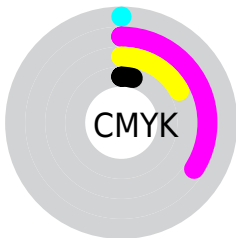
Blue (80%)



Red (96%)

Yellow (64%)

Blue (80%)

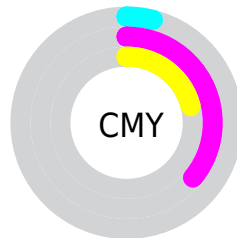


Cyan (0%)

Magenta (34%)

Yellow (17%)

Black (4%)



Cyan (4%)


Magenta (36%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 37.062, 347.959 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 76, 37.062, 347.959 by changing the saturation by 10% instead.


 76, 37.062,
347.959


 76, 37.062,
347.959


 100, 37.062,
347.959


 66, 37.062,
347.959


 96, 37.062,
347.959

 56, 37.062,
347.959

 46, 37.062,
347.959

 36, 37.062,
347.959

 26, 37.062,
347.959

 16, 37.062,
347.959

 6, 37.062, 347.959

0, 37.062, 347.959

76, 37.062,
347.959

76, 37.062,
347.959

70, 47.873,
349.277

82, 25.973,
346.821

65, 57.999,
350.836

88, 14.904,
345.809

61, 66.901,
352.732

94, 4.038, 344.829

58, 74.003,
355.095

99, 3.346, 186.520

99, 3.245, 199.404

55, 78.853,
358.088

53, 81.361, 1.880

Harmonies

Complementary

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



76, 37.062, 347.959



91, 35.410, 161.356

Rectangle

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



76, 37.062, 347.959



76, 37.062, 37.959



76, 37.062, 167.959



76, 37.062, 217.959

Sweetspot

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



76, 37.059, 347.960



93, 11.100, 345.450



73, 47.279, 311.293



49, 7.586, 345.584



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 37.059, 347.960



74, 46.301, 348.901



75, 32.762, 23.623



48, 6.099, 345.399



40, 66.742, 3.747



9, 30.099, 357.316

Inverse Universe

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



76, 37.059, 347.960



74, 46.301, 348.901



91, 25.800, 199.386



48, 6.099, 345.399



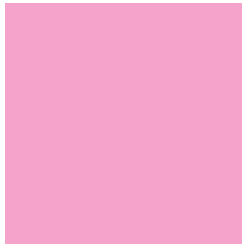
40, 66.742, 3.747



9, 30.099, 357.316

Previews

White Background



This preview shows how the CIELCh color 76, 37.062, 347.959 looks on a white background.

Color Contrast Check

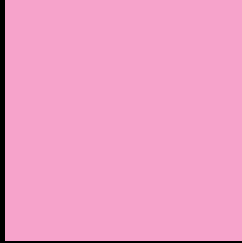
Large Text (above 18pt) WCAG AA × Fail

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 76, 37.062, 347.959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

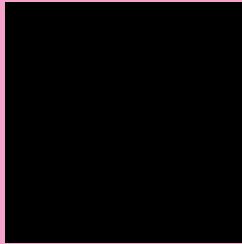
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 37.062, 347.959

Background



This preview shows how black text looks on a background with the CIELCh color 76, 37.062, 347.959.

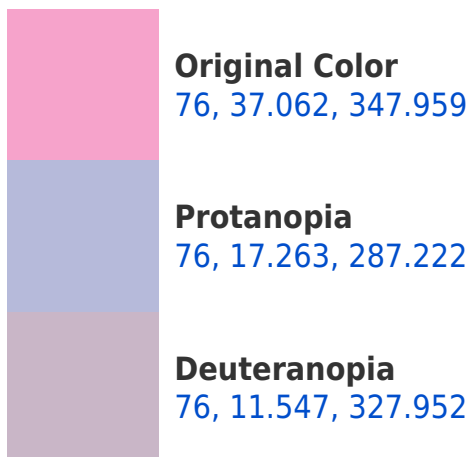


This preview shows how white text looks on a background with the CIELCh color 76, 37.062, 347.959.

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](#).

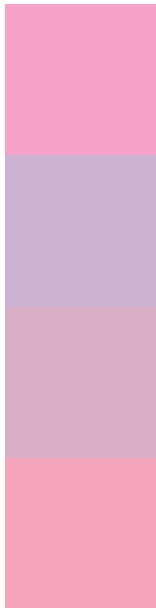
Dichromacy





Tritanopia
76, 30.072, 10.013

Trichromacy



Original Color
76, 37.062, 347.959

Protanomaly
76, 20.798, 319.333

Deuteranomaly
76, 20.512, 340.369

Tritanomaly
76, 32.286, 0.286

Monochromacy



Original Color
76, 37.062, 347.959

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 13.760, 344.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 37.062, 347.959 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, 163, 203)` looks like.

```
.text, #text, p{  
    color:rgb(246, 163, 203)  
}
```

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, 163, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 163, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 37.062, 347.959 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, 163, 203) }
```

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

```
.border{ border-color:rgb(246, 163, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 163, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 163, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 163, 203);  
box-shadow:4px 4px 4px 4px rgb(246, 163,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 37.062, 347.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 163, 203) }
```

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

```
.background{ background-color: rgb(246,  
163, 203) }
```

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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