

Converting Colors

CIELCh(76, 44.062, 345.913)

Have a look what the booklet for
CIELCh(76, 44.062, 345.913)
contains.

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Color

CIELCh(76, 44.122, 345.965)

Conversions

Conversions Part 1

Format	Color
Hex	FE9DD0
RGB	254, 157, 208
RGB Percent	100%, 62%, 82%
CMY	0.0029, 0.3833, 0.1833
CMYK	0.00, 0.38, 0.18, 0.00
HSL	328°, 99%, 81%
HSV	328°, 38%, 100%
XYZ	64.4881, 49.8872, 66.0696
YIQ	191.8170, 41.4410, 36.4250

Conversions

Conversions Part 2

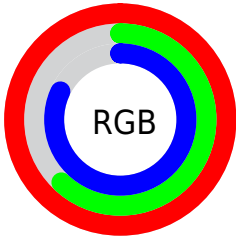
Format	Color
RYB	254, 157, 208
Decimal	16686544
CIELab	76.00, 42.80, -10.70
CIELCh	76, 44.122, 345.965
Yxy	49.8872, 0.3574, 0.2765
Android (android.graphics.Color)	4294876624 (0xFFFE9DD0)
YUV	191.8170, 7.9782, 54.5345
Hunter-Lab	70.6309, 39.3718, -6.0195

Details

The CIELCh color **76, 44.122, 345.965** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 42.398, 158.571**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 26.319, 325.341**, and **56, 44.080, 345.968** is the 20% darker color. If you saturate the color by 10%, you get **71, 55.157, 347.271**, and if you desaturate by 10%, it is **82, 32.567, 344.835**.

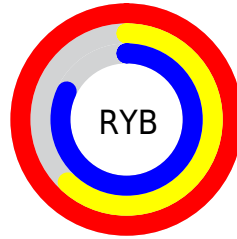
Distribution



Red (100%)

Green (62%)

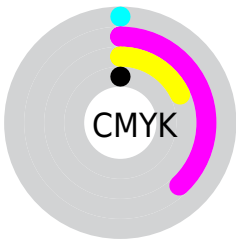
Blue (82%)



Red (100%)

Yellow (62%)

Blue (82%)

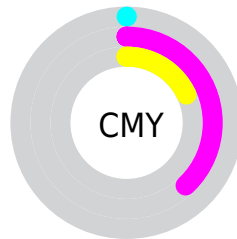


Cyan (0%)

Magenta (38%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 44.122, 345.965 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, 44.122, 345.965 by changing the saturation by 10% instead.

 76, 44.122,
345.965


 76, 44.122,
345.965

 100, 44.122,
345.965

 66, 44.122,
345.965


 96, 44.122,
345.965

 56, 44.122,
345.965

 46, 44.122,
345.965

 36, 44.122,
345.965

 26, 44.122,
345.965

 16, 44.122,
345.965

 6, 44.122, 345.965

■ 0, 44.122, 345.965

■ 76, 44.122,
345.965

■ 76, 44.122,
345.965

■ 71, 55.157,
347.271

■ 82, 32.567,
344.835

■ 66, 65.178,
348.817

■ 88, 20.871,
343.831

■ 62, 73.580,
350.697

■ 94, 9.278, 342.910

■ 58, 79.780,
353.040

■ 100, 0.253,
202.012

■ 56, 83.421,
356.005

■ 55, 84.682,
359.720

■ 55, 84.820, 0.453

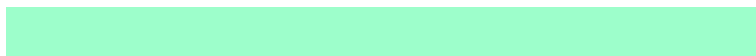
Harmonies

Complementary

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



76, 44.122, 345.965



93, 42.398, 158.571

Rectangle

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



76, 44.122, 345.965



76, 44.122, 35.965



76, 44.122, 165.965



76, 44.122, 215.965

Sweetspot

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



76, 44.119, 345.966



93, 12.586, 343.168



72, 54.804, 309.919



49, 8.469, 343.292



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, 44.119, 345.966



72, 52.968, 346.974



75, 38.967, 20.604



50, 6.494, 343.032



41, 68.591, 359.686



11, 32.135, 354.490

Inverse Universe

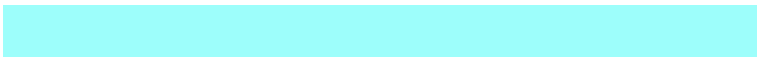
The Inverse Universe completely reimagines the original color for something new.



76, 44.119, 345.966



72, 52.968, 346.974



94, 30.211, 194.352



50, 6.494, 343.032



41, 68.591, 359.686



11, 32.135, 354.490

Previews

White Background



This preview shows how the CIELCh color 76, 44.122, 345.965 looks on a white background.

Color Contrast Check

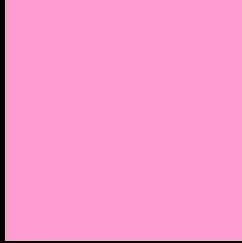
Large Text (above 18pt) WCAG AA × Fail

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, 44.122, 345.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

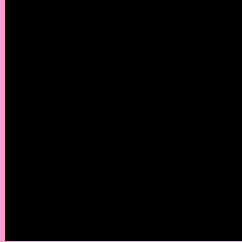
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 44.122, 345.965

Background



This preview shows how black text looks on a background with the CIELCh color 76, 44.122, 345.965.



This preview shows how white text looks on a background with the CIELCh color 76, 44.122, 345.965.

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

76, 44.122, 345.965

Protanopia

76, 22.145, 286.156

Deuteranopia

76, 12.765, 318.085



Tritanopia
76, 34.886, 11.392

Trichromacy



Original Color
76, 44.122, 345.965



Protanomaly
76, 26.075, 316.000



Deuteranomaly
76, 23.784, 335.259



Tritanomaly
76, 37.193, 0.473

Monochromacy



Original Color
76, 44.122, 345.965



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 16.800, 343.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 44.122, 345.965 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(254, 157, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 157, 208)  
}
```

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(254, 157, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 157, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 44.122, 345.965 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(254, 157, 208) }
```

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

```
.border{ border-color:rgb(254, 157, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 157, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 157, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 157, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 157,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 44.122, 345.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 157, 208) }
```

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

```
.background{ background-color: rgb(254,  
157, 208) }
```

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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