

Converting Colors

CIELCh(76, 51.336, 336.983)

Have a look what the booklet for
CIELCh(76, 51.336, 336.983)
contains.

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Color

CIELCh(76, 51.309, 337.157)

Conversions

Conversions Part 1

Format	Color
Hex	FF9AE1
RGB	255, 154, 225
RGB Percent	100%, 60%, 88%
CMY	0.0000, 0.3955, 0.1171
CMYK	0.00, 0.40, 0.12, 0.00
HSL	318°, 100%, 80%
HSV	318°, 40%, 100%
XYZ	66.4811, 49.8872, 77.4588
YIQ	192.2930, 37.4050, 43.4930

Conversions

Conversions Part 2

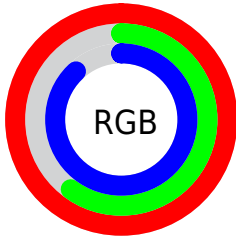
Format	Color
R _Y B	255, 154, 225
Decimal	16751329
CIE Lab	76.00, 47.28, -19.92
CIE LCh	76, 51.309, 337.157
Yxy	49.8872, 0.3430, 0.2574
Android (android.graphics.Color)	4294941409 (0xFFFF9AE1)
YUV	192.2930, 16.1246, 54.9940
Hunter-Lab	70.6309, 44.4083, -15.5800

Details

The CIELCh color $76, 51.309, 337.157$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 50.728, 150.640$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 28.208, 325.407$, and $56, 51.667, 337.106$ is the 20% darker color. If you saturate the color by 10%, you get $71, 63.234, 338.013$, and if you desaturate by 10%, it is $82, 38.540, 336.275$.

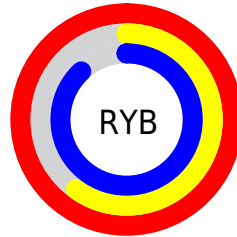
Distribution



Red (100%)

Green (60%)

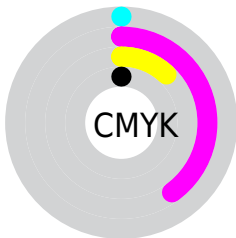
Blue (88%)



Red (100%)

Yellow (60%)

Blue (88%)

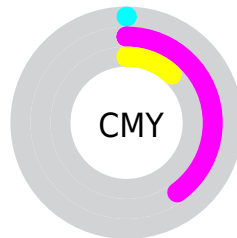


Cyan (0%)

Magenta (40%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 51.309, 337.157 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, 51.309, 337.157 by changing the saturation by 10% instead.


 76, 51.309,
337.157


 76, 51.309,
337.157


 100, 51.309,
337.157


 66, 51.309,
337.157


 96, 51.309,
337.157

 56, 51.309,
337.157

 46, 51.309,
337.157

 36, 51.309,
337.157

 26, 51.309,
337.157

 16, 51.309,
337.157

 6, 51.309, 337.157

0, 51.309, 337.157

76, 51.309,
337.157

76, 51.309,
337.157

71, 63.234,
338.013

82, 38.540,
336.275

66, 73.858,
339.011

88, 25.469,
335.495

62, 82.501,
340.141

94, 12.368,
334.751

60, 88.567,
341.459

100, 0.012,
296.813

58, 91.706,
343.039

57, 92.197,
344.938

■ 57, 92.196,
345.027

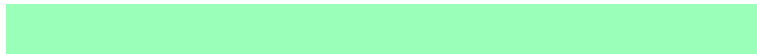
Harmonies

Complementary

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



76, 51.309, 337.157



93, 50.728, 150.640

Rectangle

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



76, 51.309, 337.157



76, 51.309, 27.157



76, 51.309, 157.157



76, 51.309, 207.157

Sweetspot

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



76, 51.274, 337.109



92, 15.565, 334.932



70, 56.107, 304.161



48, 10.334, 335.028



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, 51.274, 337.109



72, 60.284, 337.774



75, 40.505, 6.947



50, 7.361, 334.748



43, 74.503, 344.647



11, 35.098, 342.113

Inverse Universe

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



76, 51.274, 337.109



72, 60.284, 337.774



94, 34.456, 178.075



50, 7.361, 334.748



43, 74.503, 344.647



11, 35.098, 342.113

Previews

White Background



This preview shows how the CIELCh color 76, 51.309, 337.157 looks on a white background.

Color Contrast Check

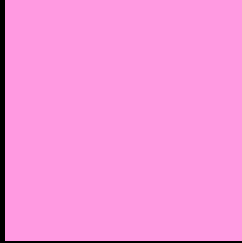
Large Text (above 18pt) WCAG AA × Fail

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, 51.309, 337.157 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, 51.309, 337.157

Background



This preview shows how black text looks on a background with the CIELCh color 76, 51.309, 337.157.

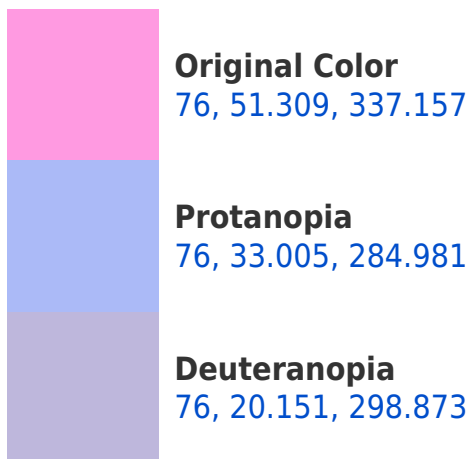


This preview shows how white text looks on a background with the CIELCh color 76, 51.309, 337.157.

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, 33.661, 11.741

Trichromacy



Original Color
76, 51.309, 337.157



Protanomaly
75, 36.477, 308.068



Deuteranomaly
76, 30.162, 320.903



Tritanomaly
76, 38.338, 355.151

Monochromacy



Original Color
76, 51.309, 337.157



Achromatopsia
78, 0.009, 296.813



Achromatomaly
76, 19.480, 335.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 51.309, 337.157 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, 154, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 225)  
}
```

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, 154, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 51.309, 337.157 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, 154, 225) }
```

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

```
.border{ border-color:rgb(255, 154, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 51.309, 337.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 225) }
```

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

```
.background{ background-color: rgb(255,  
154, 225) }
```

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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