

Converting Colors

CIELCh(76, 52.364, 336.473)

Have a look what the booklet for
CIELCh(76, 52.364, 336.473)
contains.

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Color

CIELCh(76, 51.994, 336.290)

Conversions

Conversions Part 1

Format	Color
Hex	FF9AE3
RGB	255, 154, 227
RGB Percent	100%, 60%, 89%
CMY	0.0002, 0.3963, 0.1100
CMYK	0.00, 0.40, 0.11, 0.00
HSL	317°, 100%, 80%
HSV	317°, 40%, 100%
XYZ	66.6251, 49.8872, 78.7528
YIQ	192.5210, 36.7630, 44.1150

Conversions

Conversions Part 2

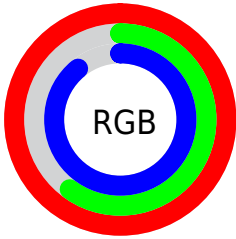
Format	Color
R_{YB}	255, 154, 227
Decimal	16751331
CIE _{Lab}	76.00, 47.61, -20.91
CIE _{LCh}	76, 51.994, 336.290
Yxy	49.8872, 0.3412, 0.2555
Android (android.graphics.Color)	4294941411 (0xFFFF9AE3)
YUV	192.5210, 16.9981, 54.7941
Hunter-Lab	70.6309, 44.7724, -16.6661

Details

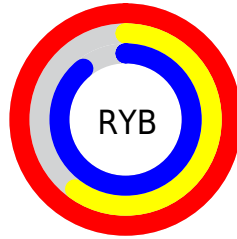
The CIELCh color **76, 51.994, 336.290** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 51.537, 149.928**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **56, 52.375, 336.193** is the 20% darker color. If you saturate the color by 10%, you get **71, 64.076, 337.156**, and if you desaturate by 10%, it is **82, 39.113, 335.485**.

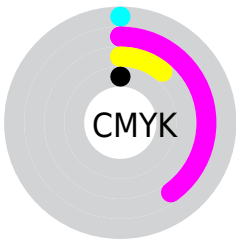
Distribution



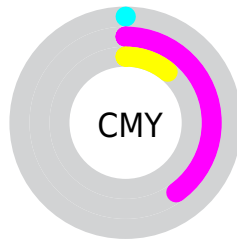
- Red (100%)
- Green (60%)
- Blue (89%)



- Red (100%)
- Yellow (60%)
- Blue (89%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 51.994, 336.290 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, 51.994, 336.290 by changing the saturation by 10% instead.


 76, 51.994,
336.290


 76, 51.994,
336.290


 100, 51.994,
336.290


 66, 51.994,
336.290


 96, 51.994,
336.290

 56, 51.994,
336.290

 46, 51.994,
336.290

 36, 51.994,
336.290

 26, 51.994,
336.290

 16, 51.994,
336.290

 6, 51.994, 336.290

0, 51.994, 336.290

76, 51.994,
336.290

76, 51.994,
336.290

71, 64.076,
337.156

82, 39.113,
335.485

66, 74.801,
338.102

88, 25.883,
334.726

63, 83.522,
339.161

94, 12.613,
333.999

60, 89.643,
340.383

100, 0.021,
233.574

58, 92.818,
341.832

57, 93.334,
343.560

■ 57, 93.335,
343.630

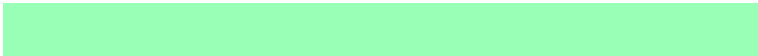
Harmonies

Complementary

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



76, 51.994, 336.290



92, 51.537, 149.928

Rectangle

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



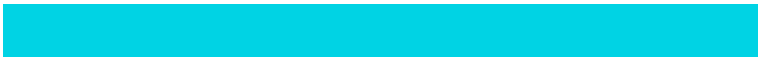
76, 51.994, 336.290



76, 51.994, 26.290



76, 51.994, 156.290



76, 51.994, 206.290

Sweetspot

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



76, 51.991, 336.290



92, 15.775, 334.171



70, 56.130, 303.642



48, 10.472, 334.266



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, 51.991, 336.290



72, 62.213, 337.012



75, 40.679, 5.710



50, 7.461, 333.991



43, 75.429, 343.286



11, 35.506, 340.990

Inverse Universe

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



76, 51.991, 336.290



72, 62.213, 337.012



94, 34.902, 176.761



50, 7.461, 333.991



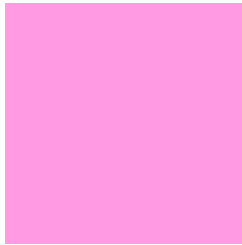
43, 75.429, 343.286



11, 35.506, 340.990

Previews

White Background



This preview shows how the CIELCh color 76, 51.994, 336.290 looks on a white background.

Color Contrast Check

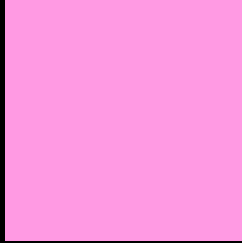
Large Text (above 18pt) WCAG AA × Fail

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, 51.994, 336.290 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, 51.994, 336.290

Background



This preview shows how black text looks on a background with the CIELCh color 76, 51.994, 336.290.



This preview shows how white text looks on a background with the CIELCh color 76, 51.994, 336.290.

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, 51.994, 336.290

Protanopia

76, 34.094, 284.865

Deuteranopia

76, 21.180, 297.667



Tritanopia
76, 33.661, 11.741

Trichromacy



Original Color
76, 51.994, 336.290



Protanomaly
75, 37.431, 307.170



Deuteranomaly
75, 31.582, 319.487



Tritanomaly
76, 38.526, 354.417

Monochromacy



Original Color
76, 51.994, 336.290



Achromatopsia
78, 0.009, 296.813



Achromatomaly
76, 19.854, 334.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 51.994, 336.290 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 51.994, 336.290 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, 227) }
```

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

```
.border{ border-color:rgb(255, 154, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 51.994, 336.290 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, 227) }
```

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

```
.background{ background-color: rgb(255,  
154, 227) }
```

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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