

Converting Colors

CIELCh(76, 54.108, 334.437)

Have a look what the booklet for
CIELCh(76, 54.108, 334.437)
contains.

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Color

CIELCh(76, 53.990, 334.568)

Conversions

Conversions Part 1

Format	Color
Hex	FF99E7
RGB	255, 153, 231
RGB Percent	100%, 60%, 91%
CMY	0.0000, 0.3995, 0.0936
CMYK	0.00, 0.40, 0.09, 0.00
HSL	314°, 100%, 80%
HSV	314°, 40%, 100%
XYZ	67.1453, 49.8872, 81.7891
YIQ	192.3900, 35.7540, 45.8820

Conversions

Conversions Part 2

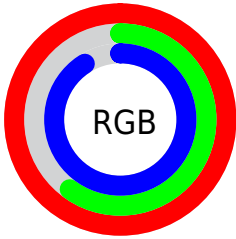
Format	Color
R_{YB}	255, 153, 231
Decimal	16751079
CIE _{Lab}	76.00, 48.76, -23.19
CIE _{LCh}	76, 53.990, 334.568
Yxy	49.8872, 0.3377, 0.2509
Android (android.graphics.Color)	4294941159 (0xFFFF99E7)
YUV	192.3900, 19.0347, 54.9090
Hunter-Lab	70.6309, 46.0869, -19.2150

Details

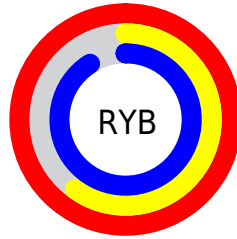
The CIELCh color **76, 53.990, 334.568** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 53.692, 148.350**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.837, 325.429**, and **56, 54.041, 334.822** is the 20% darker color. If you saturate the color by 10%, you get **71, 66.328, 335.308**, and if you desaturate by 10%, it is **82, 40.744, 333.778**.

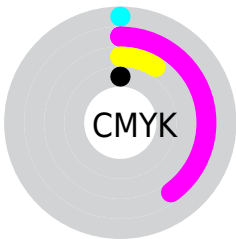
Distribution



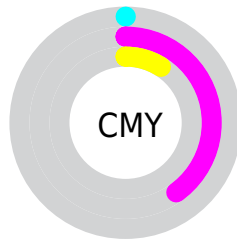
- Red (100%)
- Green (60%)
- Blue (91%)



- Red (100%)
- Yellow (60%)
- Blue (91%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 53.990, 334.568 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, 53.990, 334.568 by changing the saturation by 10% instead.


 76, 53.990,
334.568


 76, 53.990,
334.568


 100, 53.990,
334.568


 66, 53.990,
334.568


 96, 53.990,
334.568

 56, 53.990,
334.568

 46, 53.990,
334.568

 36, 53.990,
334.568

 26, 53.990,
334.568

 16, 53.990,
334.568

 6, 53.990, 334.568

0, 53.990, 334.568

76, 53.990,
334.568

76, 53.990,
334.568

71, 66.328,
335.308

82, 40.744,
333.778

66, 77.274,
336.145

87, 27.137,
333.064

63, 86.150,
337.055

94, 13.464,
332.373

60, 92.371,
338.073

100, 0.012,
296.813

58, 95.609,
339.248

57, 96.198,
340.616

■ 57, 96.199,
340.623

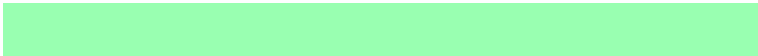
Harmonies

Complementary

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



76, 53.990, 334.568



92, 53.692, 148.350

Rectangle

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



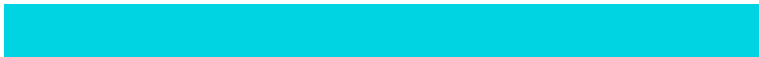
76, 53.990, 334.568



76, 53.990, 24.568



76, 53.990, 154.568



76, 53.990, 204.568

Sweetspot

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



76, 53.959, 334.524



92, 16.264, 332.514



69, 56.541, 302.634



48, 10.796, 332.604



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, 53.959, 334.524



72, 64.011, 335.152



74, 41.341, 3.301



50, 7.693, 332.342



43, 77.708, 340.356



11, 36.490, 338.563

Inverse Universe

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



76, 53.959, 334.524



72, 64.011, 335.152



93, 36.036, 174.196



50, 7.693, 332.342



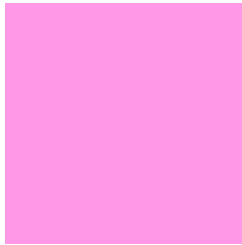
43, 77.708, 340.356



11, 36.490, 338.563

Previews

White Background



This preview shows how the CIELCh color 76, 53.990, 334.568 looks on a white background.

Color Contrast Check

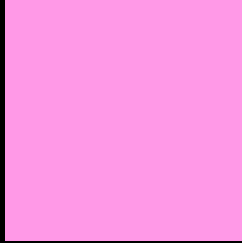
Large Text (above 18pt) WCAG AA × Fail

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, 53.990, 334.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

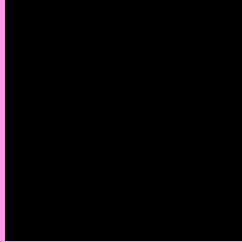
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 53.990, 334.568

Background



This preview shows how black text looks on a background with the CIELCh color 76, 53.990, 334.568.



This preview shows how white text looks on a background with the CIELCh color 76, 53.990, 334.568.

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, 53.990, 334.568

Protanopia

76, 37.323, 285.546

Deuteranopia

76, 22.684, 294.811



Tritanopia
76, 33.689, 10.842

Trichromacy



Original Color
76, 53.990, 334.568



Protanomaly
75, 40.573, 306.184



Deuteranomaly
76, 32.689, 317.052



Tritanomaly
76, 38.923, 352.972

Monochromacy



Original Color
76, 53.990, 334.568



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 20.236, 333.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 53.990, 334.568 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, 153, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 231)  
}
```

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, 153, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 53.990, 334.568 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, 153, 231) }
```

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

```
.border{ border-color:rgb(255, 153, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 53.990, 334.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 231) }
```

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

```
.background{ background-color: rgb(255,  
153, 231) }
```

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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