

Converting Colors

CIELCh(76, 48.841, 340.900)

Have a look what the booklet for
CIELCh(76, 48.841, 340.900)
contains.

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Color

CIELCh(76, 48.443, 340.544)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BDA
RGB	255, 155, 218
RGB Percent	100%, 61%, 85%
CMY	0.0000, 0.3913, 0.1443
CMYK	0.00, 0.39, 0.14, 0.00
HSL	322°, 100%, 80%
HSV	322°, 39%, 100%
XYZ	65.7610, 49.8872, 72.6387
YIQ	192.0820, 39.3770, 40.7930

Conversions

Conversions Part 2

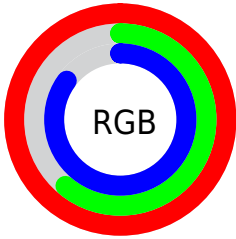
Format	Color
R _{YB}	255, 155, 218
Decimal	16751578
CIE _{Lab}	76.00, 45.68, -16.14
CIE _{LCh}	76, 48.443, 340.544
Yxy	49.8872, 0.3493, 0.2650
Android (android.graphics.Color)	4294941658 (0xFFFF9BDA)
YUV	192.0820, 12.7776, 55.1791
Hunter-Lab	70.6309, 42.5887, -11.5338

Details

The CIELCh color $76, 48.443, 340.544$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $93, 47.421, 153.601$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 27.578, 325.385$, and $56, 48.740, 340.666$ is the 20% darker color. If you saturate the color by 10%, you get $71, 59.916, 341.530$, and if you desaturate by 10%, it is $82, 36.173, 339.518$.

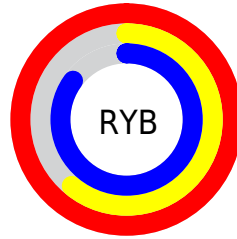
Distribution



Red (100%)

Green (61%)

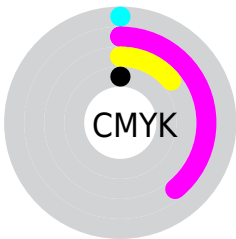
Blue (85%)



Red (100%)

Yellow (61%)

Blue (85%)

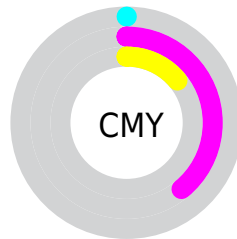


Cyan (0%)

Magenta (39%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 48.443, 340.544 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, 48.443, 340.544 by changing the saturation by 10% instead.


 76, 48.443,
340.544

 76, 48.443,
340.544

 100, 48.443,
340.544


 66, 48.443,
340.544


 96, 48.443,
340.544

 56, 48.443,
340.544

 46, 48.443,
340.544

 36, 48.443,
340.544

 26, 48.443,
340.544

 16, 48.443,
340.544

 6, 48.443, 340.544

■ 0, 48.443, 340.544

■ 76, 48.443,
340.544

■ 76, 48.443,
340.544

■ 71, 59.916,
341.530

■ 82, 36.173,
339.518

■ 66, 70.219,
342.741

■ 88, 23.690,
338.650

■ 62, 78.660,
344.163

■ 94, 11.224,
337.837

■ 59, 84.641,
345.882

■ 100, 0.012,
296.813

■ 57, 87.802,
348.005

■ 56, 88.380,
350.618

■ 56, 88.386,
350.858

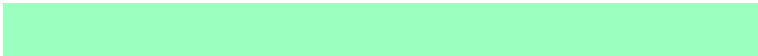
Harmonies

Complementary

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



76, 48.443, 340.544



93, 47.421, 153.601

Rectangle

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



76, 48.443, 340.544



76, 48.443, 30.544



76, 48.443, 160.544



76, 48.443, 210.544

Sweetspot

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



76, 48.385, 340.469



92, 14.785, 338.068



71, 55.829, 306.773



48, 9.817, 338.173



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, 48.385, 340.469



72, 57.540, 341.293



75, 39.786, 13.192



50, 6.990, 337.867



42, 71.421, 350.325



11, 33.679, 346.778

Inverse Universe

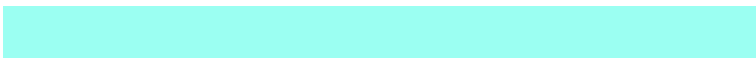
The Inverse Universe completely reimagines the original color for something new.



76, 48.385, 340.469



72, 57.540, 341.293



94, 32.388, 185.084



50, 6.990, 337.867



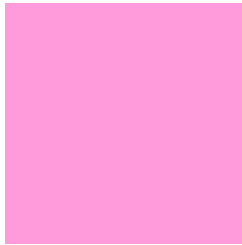
42, 71.421, 350.325



11, 33.679, 346.778

Previews

White Background



This preview shows how the CIELCh color 76, 48.443, 340.544 looks on a white background.

Color Contrast Check

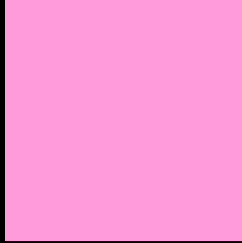
Large Text (above 18pt) WCAG AA × Fail

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, 48.443, 340.544 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, 48.443, 340.544

Background



This preview shows how black text looks on a background with the CIELCh color 76, 48.443, 340.544.



This preview shows how white text looks on a background with the CIELCh color 76, 48.443, 340.544.

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, 34.499, 11.219

Trichromacy



Original Color
76, 48.443, 340.544



Protanomaly
76, 31.845, 310.228



Deuteranomaly
76, 27.390, 326.158

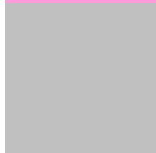


Tritanomaly
76, 38.156, 357.696

Monochromacy



Original Color
76, 48.443, 340.544



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 18.120, 338.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 48.443, 340.544 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, 155, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 218)  
}
```

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, 155, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 48.443, 340.544 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, 155, 218) }
```

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

```
.border{ border-color:rgb(255, 155, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 48.443, 340.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 218) }
```

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

```
.background{ background-color: rgb(255,  
155, 218) }
```

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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