

Converting Colors

CIELCh(76, 47.494, 330.336)

Have a look what the booklet for
CIELCh(76, 47.494, 330.336)
contains.

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Color

CIELCh(76, 47.239, 330.388)

Conversions

Conversions Part 1

Format	Color
Hex	F2A0E7
RGB	242, 160, 231
RGB Percent	95%, 63%, 91%
CMY	0.0503, 0.3719, 0.0934
CMYK	0.00, 0.34, 0.05, 0.05
HSL	308°, 76%, 79%
HSV	308°, 34%, 95%
XYZ	63.7269, 49.8872, 82.0005
YIQ	192.6120, 26.0810, 39.4650

Conversions

Conversions Part 2

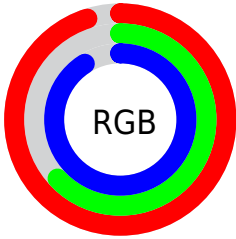
Format	Color
R _Y B	242, 160, 231
Decimal	15900903
CIE Lab	76.00, 41.07, -23.34
CIE LCh	76, 47.239, 330.388
Yxy	49.8872, 0.3258, 0.2550
Android (android.graphics.Color)	4294090983 (0xFFFF2A0E7)
YUV	192.6120, 18.9253, 43.3133
Hunter-Lab	70.6309, 37.4479, -19.3924

Details

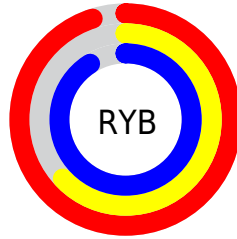
The CIELCh color $76, 47.239, 330.388$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $89, 47.179, 145.739$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $56, 47.075, 330.655$ is the 20% darker color. If you saturate the color by 10%, you get $71, 60.485, 331.012$, and if you desaturate by 10%, it is $81, 33.401, 329.765$.

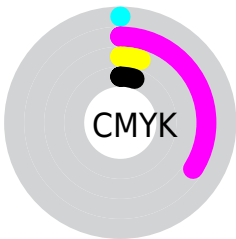
Distribution



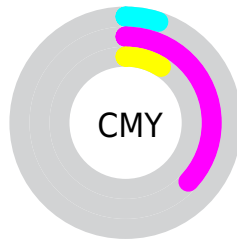
- Red (95%)
- Green (63%)
- Blue (91%)



- Red (95%)
- Yellow (63%)
- Blue (91%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (5%)




- Cyan (5%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 47.239, 330.388 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, 47.239, 330.388 by changing the saturation by 10% instead.

 76, 47.239,
330.388

 76, 47.239,
330.388


 100, 47.239,
330.388


 66, 47.239,
330.388


 96, 47.239,
330.388

 56, 47.239,
330.388

 46, 47.239,
330.388

 36, 47.239,
330.388

 26, 47.239,
330.388

 16, 47.239,
330.388

 6, 47.239, 330.388

■ 0, 47.239, 330.388

■ 76, 47.239,
330.388

■ 76, 47.239,
330.388

■ 71, 60.485,
331.012

■ 81, 33.401,
329.765

■ 66, 72.649,
331.630

■ 87, 19.355,
329.145

■ 63, 83.139,
332.242

■ 93, 5.361, 328.500

■ 59, 91.350,
332.851

■ 99, 7.149, 148.764

■ 57, 96.816,
333.468

■ 99, 5.943, 158.748

■ 56, 99.393,
334.115

■ 99, 4.995, 173.066

■ 99, 4.471, 192.217

■ 56, 99.878,
334.531

■ 99, 4.421, 199.275

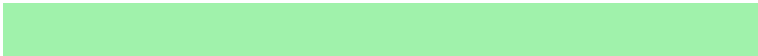
Harmonies

Complementary

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



76, 47.239, 330.388



89, 47.179, 145.739

Rectangle

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



76, 47.239, 330.388



76, 47.239, 20.388



76, 47.239, 150.388



76, 47.239, 200.388

Sweetspot

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



76, 47.236, 330.388



94, 14.528, 328.906



70, 45.225, 298.756



49, 9.920, 328.994



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, 47.236, 330.388



76, 59.195, 330.840



75, 34.629, 355.261



47, 7.848, 328.871



42, 81.295, 334.407



9, 36.006, 333.438

Inverse Universe

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



76, 47.236, 330.388



76, 59.195, 330.840



90, 32.034, 168.080



47, 7.848, 328.871



42, 81.295, 334.407



9, 36.006, 333.438

Previews

White Background



This preview shows how the CIELCh color 76, 47.239, 330.388 looks on a white background.

Color Contrast Check

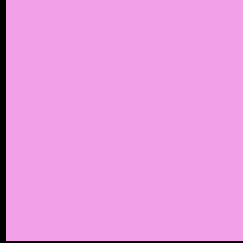
Large Text (above 18pt) WCAG AA × Fail

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, 47.239, 330.388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

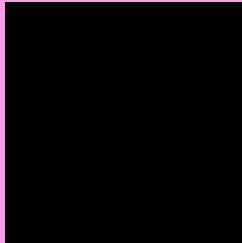
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 47.239, 330.388

Background



This preview shows how black text looks on a background with the CIELCh color 76, 47.239, 330.388.




This preview shows how white text looks on a background with the CIELCh color 76, 47.239, 330.388.

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, 26.229, 6.556

Trichromacy



Original Color
76, 47.239, 330.388



Protanomaly
76, 36.908, 303.615



Deuteranomaly
76, 31.266, 313.270

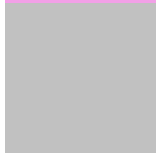


Tritanomaly
76, 32.404, 347.294

Monochromacy



Original Color
76, 47.239, 330.388



Achromatopsia
78, 0.009, 296.813



Achromatomaly
77, 17.763, 329.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 47.239, 330.388 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(242, 160, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 160, 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(242, 160, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 160, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 47.239, 330.388 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(242, 160, 231) }
```

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

```
.border{ border-color:rgb(242, 160, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 160, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 160, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 160, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 160,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 47.239, 330.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 160, 231) }
```

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

```
.background{ background-color: rgb(242,  
160, 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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