

Converting Colors

CIELCh(77, 46.317, 332.060)

Have a look what the booklet for
CIELCh(77, 46.317, 332.060)
contains.

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Color

CIELCh(77, 46.175, 332.018)

Conversions

Conversions Part 1

Format	Color
Hex	F6A3E7
RGB	246, 163, 231
RGB Percent	96%, 64%, 91%
CMY	0.0355, 0.3609, 0.0943
CMYK	0.00, 0.34, 0.06, 0.04
HSL	311°, 82%, 80%
HSV	311°, 34%, 96%
XYZ	65.4984, 51.5317, 82.0644
YIQ	195.5690, 27.6400, 38.7440

Conversions

Conversions Part 2

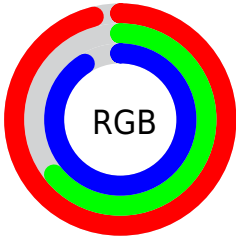
Format	Color
R _Y B	246, 163, 231
Decimal	16163815
CIE Lab	77.00, 40.78, -21.67
CIE LCh	77, 46.175, 332.018
Yxy	51.5317, 0.3290, 0.2588
Android (android.graphics.Color)	4294353895 (0xFFFF6A3E7)
YUV	195.5690, 17.4675, 44.2280
Hunter-Lab	71.7856, 37.2415, -17.5297

Details

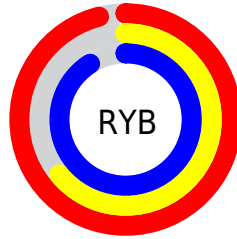
The CIELCh color **77, 46.175, 332.018** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90, 46.033, 147.218**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 22.540, 325.209**, and **57, 45.763, 331.980** is the 20% darker color. If you saturate the color by 10%, you get **72, 59.196, 332.700**, and if you desaturate by 10%, it is **83, 32.585, 331.352**.

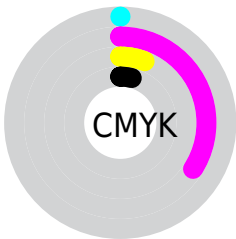
Distribution



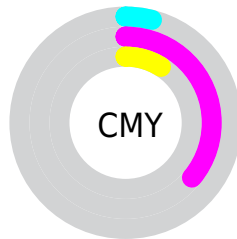
- Red (96%)
- Green (64%)
- Blue (91%)



- Red (96%)
- Yellow (64%)
- Blue (91%)



- Cyan (0%)
- Magenta (34%)
- Yellow (6%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 46.175, 332.018 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 77, 46.175, 332.018 by changing the saturation by 10% instead.


 77, 46.175,
332.018


 77, 46.175,
332.018


 100, 46.175,
332.018


 67, 46.175,
332.018


 97, 46.175,
332.018

 57, 46.175,
332.018

 47, 46.175,
332.018

 37, 46.175,
332.018

 27, 46.175,
332.018

 17, 46.175,
332.018

 7, 46.175, 332.018

0, 46.175, 332.018

77, 46.175,
332.018

77, 46.175,
332.018

72, 59.196,
332.700

83, 32.585,
331.352

67, 71.162,
333.397

88, 18.806,
330.698

63, 81.472,
334.116

95, 5.091, 330.024

99, 4.509, 154.441

60, 89.508,
334.869

99, 3.282, 183.058

58, 94.783,
335.679

99, 3.129, 199.419

56, 97.135,
336.581

■ 56, 97.454,
337.195

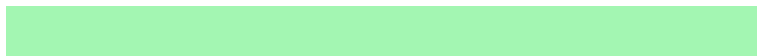
Harmonies

Complementary

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



77, 46.175, 332.018



90, 46.033, 147.218

Rectangle

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



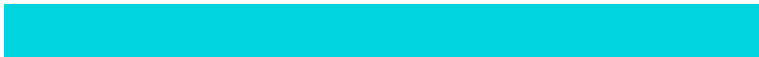
77, 46.175, 332.018



77, 46.175, 22.018



77, 46.175, 152.018



77, 46.175, 202.018

Sweetspot

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



77, 46.172, 332.018



94, 14.060, 330.456



71, 45.692, 299.821



49, 9.601, 330.548



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 46.172, 332.018



76, 56.027, 332.448



76, 34.453, 357.522



48, 7.728, 330.421



42, 79.249, 337.011



10, 35.881, 335.646

Inverse Universe

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



77, 46.172, 332.018



76, 56.027, 332.448



91, 31.517, 170.263



48, 7.728, 330.421



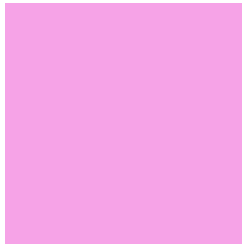
42, 79.249, 337.011



10, 35.881, 335.646

Previews

White Background



This preview shows how the CIELCh color 77, 46.175, 332.018 looks on a white background.

Color Contrast Check

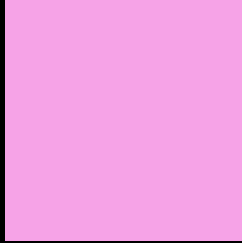
Large Text (above 18pt) WCAG AA × Fail

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 77, 46.175, 332.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

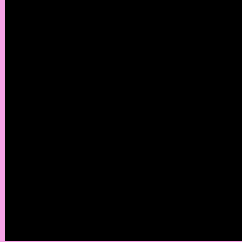
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 46.175, 332.018

Background



This preview shows how black text looks on a background with the CIELCh color 77, 46.175, 332.018.



This preview shows how white text looks on a background with the CIELCh color 77, 46.175, 332.018.

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
77, 46.175, 332.018

Protanopia
77, 32.909, 285.465

Deuteranopia
77, 22.152, 296.569



Tritanopia
77, 26.929, 7.049

Trichromacy



Original Color
77, 46.175, 332.018



Protanomaly
77, 34.771, 304.684



Deuteranomaly
77, 29.340, 315.387

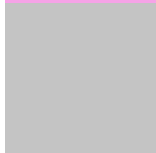


Tritanomaly
77, 32.117, 349.311

Monochromacy



Original Color
77, 46.175, 332.018



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 17.306, 330.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 46.175, 332.018 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(246, 163, 231)` looks like.

```
.text, #text, p{  
    color:rgb(246, 163, 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(246, 163, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 163, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 46.175, 332.018 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(246, 163, 231) }
```

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

```
.border{ border-color:rgb(246, 163, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 163, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 163, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 163, 231);  
box-shadow:4px 4px 4px 4px rgb(246, 163,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 46.175, 332.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 163, 231) }
```

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

```
.background{ background-color: rgb(246,  
163, 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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