

Converting Colors

CIELCh(78, 37.621, 332.684)

Have a look what the booklet for
CIELCh(78, 37.621, 332.684)
contains.

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Color

CIELCh(78, 38.069, 332.490)

Conversions

Conversions Part 1

Format	Color
Hex	F0ABE2
RGB	240, 171, 226
RGB Percent	94%, 67%, 89%
CMY	0.0583, 0.3289, 0.1133
CMYK	0.00, 0.29, 0.06, 0.06
HSL	312°, 70%, 81%
HSV	312°, 29%, 94%
XYZ	64.3035, 53.2120, 78.9178
YIQ	197.9010, 23.4690, 31.7330

Conversions

Conversions Part 2

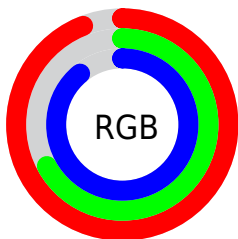
Format	Color
R _Y B	240, 171, 226
Decimal	15772642
CIE Lab	78.00, 33.76, -17.58
CIE LCh	78, 38.069, 332.490
Yxy	53.2120, 0.3274, 0.2709
Android (android.graphics.Color)	4293962722 (0xFFFF0ABE2)
YUV	197.9010, 13.8528, 36.9208
Hunter-Lab	72.9466, 29.6941, -13.0807

Details

The CIELCh color **78, 38.069, 332.490** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **89, 37.896, 148.446**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 17.506, 325.031**, and **58, 38.092, 332.237** is the 20% darker color. If you saturate the color by 10%, you get **73, 50.983, 333.190**, and if you desaturate by 10%, it is **84, 24.808, 331.812**.

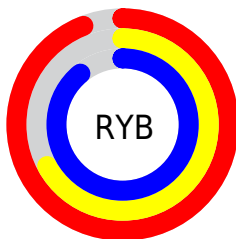
Distribution



Red (94%)

Green (67%)

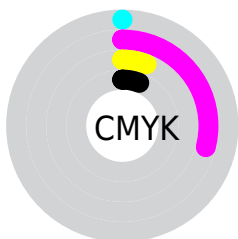
Blue (89%)



Red (94%)

Yellow (67%)

Blue (89%)

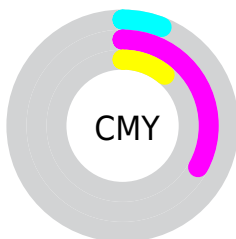


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (6%)



Cyan (6%)

Magenta (33%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 38.069, 332.490 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 78, 38.069, 332.490 by changing the saturation by 10% instead.

 78, 38.069,
332.490

 78, 38.069,
332.490

 100, 38.069,
332.490

 68, 38.069,
332.490

 98, 38.069,
332.490

 58, 38.069,
332.490

 48, 38.069,
332.490

 38, 38.069,
332.490

 28, 38.069,
332.490

 18, 38.069,
332.490

 8, 38.069, 332.490

0, 38.069, 332.490

78, 38.069,
332.490

78, 38.069,
332.490

73, 50.983,
333.190

84, 24.808,
331.812

68, 63.139,
333.913

90, 11.507,
331.147

64, 73.997,
334.666

96, 1.638, 150.772

99, 7.107, 156.840

60, 82.949,
335.463

99, 5.680, 175.269

57, 89.427,
336.327

99, 5.122, 199.210

55, 93.079,
337.293

■ 54, 94.072,
338.396

■ 54, 94.120,
338.541

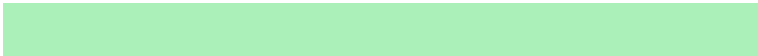
Harmonies

Complementary

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



78, 38.069, 332.490



89, 37.896, 148.446

Rectangle

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



78, 38.069, 332.490



78, 38.069, 22.490



78, 38.069, 152.490



78, 38.069, 202.490

Sweetspot

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



78, 38.066, 332.490



94, 12.448, 331.167



73, 37.864, 300.379



49, 8.658, 331.264



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 38.066, 332.490



79, 47.172, 332.863



77, 28.237, 359.130



47, 7.477, 331.197



42, 77.160, 338.329



9, 34.402, 336.653

Inverse Universe

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



78, 38.066, 332.490



79, 47.172, 332.863



90, 25.923, 173.120



47, 7.477, 331.197



42, 77.160, 338.329



9, 34.402, 336.653

Previews

White Background



This preview shows how the CIELCh color 78, 38.069, 332.490 looks on a white background.

Color Contrast Check

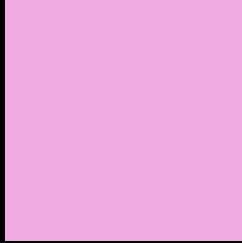
Large Text (above 18pt) WCAG AA × Fail

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 78, 38.069, 332.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

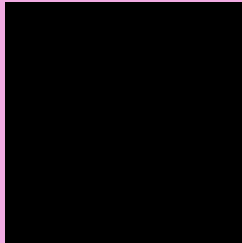
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 38.069, 332.490

Background



This preview shows how black text looks on a background with the CIELCh color 78, 38.069, 332.490.

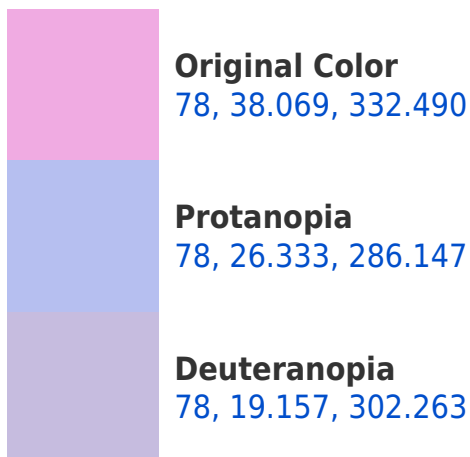


This preview shows how white text looks on a background with the CIELCh color 78, 38.069, 332.490.

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
78, 23.038, 4.057

Trichromacy



Original Color
78, 38.069, 332.490



Protanomaly
78, 28.241, 305.735



Deuteranomaly
78, 25.117, 317.726

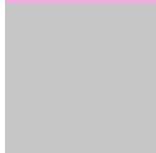


Tritanomaly
78, 27.568, 347.904

Monochromacy



Original Color
78, 38.069, 332.490



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 14.081, 331.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 38.069, 332.490 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(240, 171, 226)` looks like.

```
.text, #text, p{  
    color:rgb(240, 171, 226)  
}
```

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(240, 171, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 171, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 38.069, 332.490 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(240, 171, 226) }
```

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

```
.border{ border-color:rgb(240, 171, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 171, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 171, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 171, 226);  
box-shadow:4px 4px 4px 4px rgb(240, 171,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 38.069, 332.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 171, 226) }
```

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

```
.background{ background-color: rgb(240,  
171, 226) }
```

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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