

Converting Colors

CIELCh(78, 41.448, 331.829)

Have a look what the booklet for
CIELCh(78, 41.448, 331.829)
contains.

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Color

CIELCh(78, 41.480, 331.615)

Conversions

Conversions Part 1

Format	Color
Hex	F3A9E6
RGB	243, 169, 230
RGB Percent	95%, 66%, 90%
CMY	0.0466, 0.3368, 0.0976
CMYK	0.00, 0.30, 0.05, 0.05
HSL	311°, 76%, 81%
HSV	311°, 30%, 95%
XYZ	65.5101, 53.2120, 81.7651
YIQ	198.0800, 24.5230, 34.6590

Conversions

Conversions Part 2

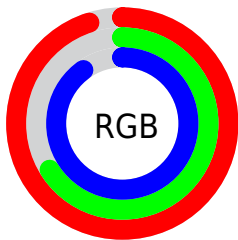
Format	Color
R _Y B	243, 169, 230
Decimal	15968742
CIE Lab	78.00, 36.49, -19.72
CIE LCh	78, 41.480, 331.615
Yxy	53.2120, 0.3268, 0.2654
Android (android.graphics.Color)	4294158822 (0xFFFF3A9E6)
YUV	198.0800, 15.7366, 39.3948
Hunter-Lab	72.9466, 32.6466, -15.3950

Details

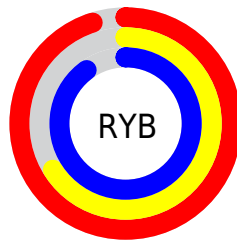
The CIELCh color **78, 41.480, 331.615** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90, 41.345, 147.381**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 18.763, 325.076**, and **58, 41.194, 331.898** is the 20% darker color. If you saturate the color by 10%, you get **73, 54.656, 332.286**, and if you desaturate by 10%, it is **84, 27.874, 330.958**.

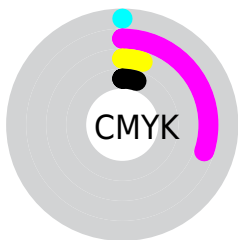
Distribution



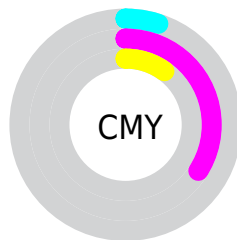
- Red (95%)
- Green (66%)
- Blue (90%)



- Red (95%)
- Yellow (66%)
- Blue (90%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 41.480, 331.615 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, 41.480, 331.615 by changing the saturation by 10% instead.


 78, 41.480,
331.615


 78, 41.480,
331.615


 100, 41.480,
331.615


 68, 41.480,
331.615


 98, 41.480,
331.615

 58, 41.480,
331.615

 48, 41.480,
331.615

 38, 41.480,
331.615

 28, 41.480,
331.615

 18, 41.480,
331.615

 8, 41.480, 331.615

0, 41.480, 331.615

78, 41.480,
331.615

78, 41.480,
331.615

73, 54.656,
332.286

84, 27.874,
330.958

68, 66.960,
332.969

90, 14.174,
330.311

64, 77.825,
333.668

96, 0.600, 329.140

60, 86.635,
334.392

99, 5.775, 155.851

99, 4.519, 175.892

58, 92.844,
335.160

99, 4.101, 199.307

56, 96.163,
335.999

■ 55, 96.981,
336.890

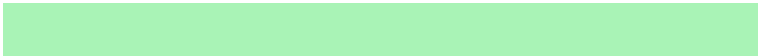
Harmonies

Complementary

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



78, 41.480, 331.615



90, 41.345, 147.381

Rectangle

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



78, 41.480, 331.615



78, 41.480, 21.615



78, 41.480, 151.615



78, 41.480, 201.615

Sweetspot

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



78, 41.477, 331.615



94, 12.691, 330.219



73, 40.567, 299.445



49, 8.827, 330.314



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, 41.477, 331.615



78, 52.172, 332.060



77, 30.686, 357.046



48, 7.755, 330.250



42, 79.550, 336.719



10, 36.001, 335.405

Inverse Universe

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



78, 41.477, 331.615



78, 52.172, 332.060



91, 28.327, 170.650



48, 7.755, 330.250



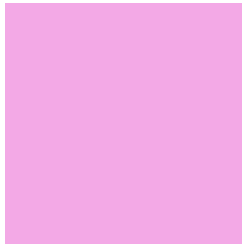
42, 79.550, 336.719



10, 36.001, 335.405

Previews

White Background



This preview shows how the CIELCh color 78, 41.480, 331.615 looks on a white background.

Color Contrast Check

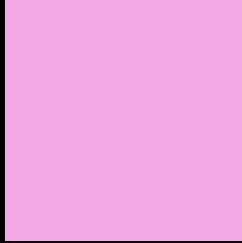
Large Text (above 18pt) WCAG AA × Fail

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, 41.480, 331.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

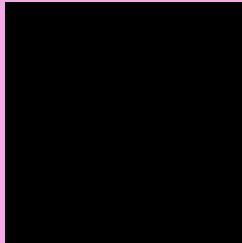
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 41.480, 331.615

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.480, 331.615.



This preview shows how white text looks on a background with the CIELCh color 78, 41.480, 331.615.

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, 24.173, 5.022

Trichromacy



Original Color
78, 41.480, 331.615



Protanomaly
78, 31.455, 305.124



Deuteranomaly
78, 26.552, 316.219

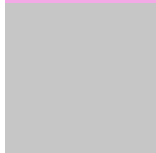


Tritanomaly
78, 29.335, 347.942

Monochromacy



Original Color
78, 41.480, 331.615



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 15.768, 329.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 41.480, 331.615 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(243, 169, 230)` looks like.

```
.text, #text, p{  
    color:rgb(243, 169, 230)  
}
```

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(243, 169, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 169, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.480, 331.615 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(243, 169, 230) }
```

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

```
.border{ border-color:rgb(243, 169, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 169, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 169, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 169, 230);  
box-shadow:4px 4px 4px 4px rgb(243, 169,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.480, 331.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 169, 230) }
```

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

```
.background{ background-color: rgb(243,  
169, 230) }
```

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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