

Converting Colors

CIELCh(78, 51.251, 332.762)

Have a look what the booklet for
CIELCh(78, 51.251, 332.762)
contains.

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Color

CIELCh(78, 50.828, 332.683)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2ED
RGB	255, 162, 237
RGB Percent	100%, 64%, 93%
CMY	0.0000, 0.3647, 0.0706
CMYK	0.00, 0.36, 0.07, 0.00
HSL	312°, 100%, 82%
HSV	312°, 36%, 100%
XYZ	69.4428, 53.2120, 86.7284
YIQ	198.3570, 31.3530, 43.0410

Conversions

Conversions Part 2

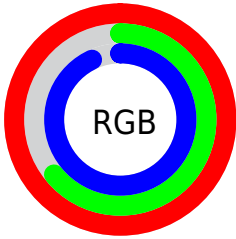
Format	Color
R _Y B	255, 162, 237
Decimal	16753389
CIE Lab	78.00, 45.16, -23.33
CIE LCh	78, 50.828, 332.683
Yxy	53.2120, 0.3317, 0.2541
Android (android.graphics.Color)	4294943469 (0xFFFFA2ED)
YUV	198.3570, 19.0510, 49.6759
Hunter-Lab	72.9466, 42.2698, -19.4291

Details

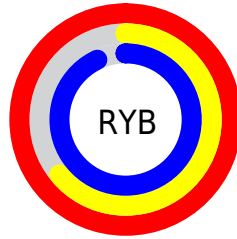
The CIELCh color **78, 50.828, 332.683** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 50.665, 147.350**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **91, 23.170, 325.231**, and **58, 51.017, 332.722** is the 20% darker color. If you saturate the color by 10%, you get **73, 63.879, 333.389**, and if you desaturate by 10%, it is **84, 37.069, 331.997**.

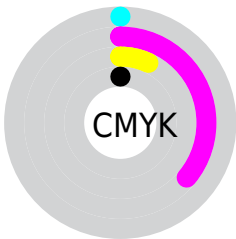
Distribution



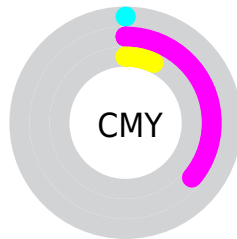
- Red (100%)
- Green (64%)
- Blue (93%)



- Red (100%)
- Yellow (64%)
- Blue (93%)



- Cyan (0%)
- Magenta (36%)
- Yellow (7%)
- Black (0%)




- Cyan (0%)
- Magenta (36%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 50.828, 332.683 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, 50.828, 332.683 by changing the saturation by 10% instead.


 78, 50.828,
332.683

 78, 50.828,
332.683


 100, 50.828,
332.683


 68, 50.828,
332.683


 98, 50.828,
332.683

 58, 50.828,
332.683

 48, 50.828,
332.683

 38, 50.828,
332.683

 28, 50.828,
332.683

 18, 50.828,
332.683

 8, 50.828, 332.683

■ 0, 50.828, 332.683

■ 78, 50.828,
332.683

■ 78, 50.828,
332.683

■ 73, 63.879,
333.389

■ 84, 37.069,
331.997

■ 68, 75.687,
334.119

■ 90, 23.027,
331.329

■ 64, 85.614,
334.881

■ 96, 8.992, 330.665

■ 61, 93.040,
335.697

100, 0.012,
289.216

■ 59, 97.530,
336.594

■ 58, 99.053,
337.613

■ 58, 99.153,
337.997

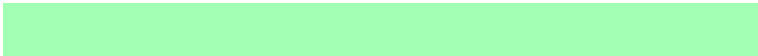
Harmonies

Complementary

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



78, 50.828, 332.683



93, 50.665, 147.350

Rectangle

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



78, 50.828, 332.683



78, 50.828, 22.683



78, 50.828, 152.683



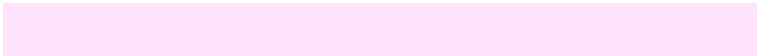
78, 50.828, 202.683

Sweetspot

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



78, 50.825, 332.683



93, 15.336, 330.968



71, 51.165, 300.678



49, 10.313, 331.058



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, 50.825, 332.683



74, 60.750, 333.213



77, 38.194, 359.114



50, 7.919, 330.869



43, 80.064, 337.794



11, 37.486, 336.424

Inverse Universe

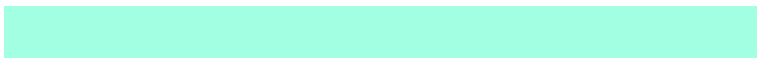
The Inverse Universe completely reimagines the original color for something new.



78, 50.825, 332.683



74, 60.750, 333.213



94, 34.445, 171.056



50, 7.919, 330.869



43, 80.064, 337.794



11, 37.486, 336.424

Previews

White Background



This preview shows how the CIELCh color 78, 50.828, 332.683 looks on a white background.

Color Contrast Check

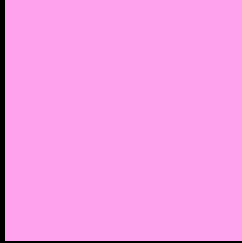
Large Text (above 18pt) WCAG AA × Fail

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, 50.828, 332.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

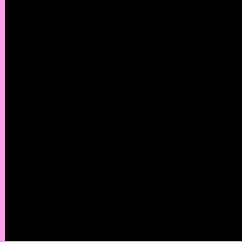
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 50.828, 332.683

Background



This preview shows how black text looks on a background with the CIELCh color 78, 50.828, 332.683.



This preview shows how white text looks on a background with the CIELCh color 78, 50.828, 332.683.

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

78, 50.828, 332.683

Protanopia

78, 34.425, 285.448

Deuteranopia

78, 23.128, 295.583



Tritanopia
78, 30.347, 9.132

Trichromacy



Original Color
78, 50.828, 332.683



Protanomaly
78, 37.595, 305.953



Deuteranomaly
78, 32.251, 315.868

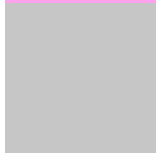


Tritanomaly
78, 35.952, 350.810

Monochromacy



Original Color
78, 50.828, 332.683



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 19.011, 331.699

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 50.828, 332.683 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, 162, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 237)  
}
```

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, 162, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 50.828, 332.683 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, 162, 237) }
```

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

```
.border{ border-color:rgb(255, 162, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 50.828, 332.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 237) }
```

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

```
.background{ background-color: rgb(255,  
162, 237) }
```

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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