

Converting Colors

CIELCh(78, 49.280, 326.182)

Have a look what the booklet for
CIELCh(78, 49.280, 326.182)
contains.

CIELCh(78, 49.188, 326.180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 49.188, 326.180)

Conversions

Conversions Part 1

Format	Color
Hex	F4A6F4
RGB	244, 166, 244
RGB Percent	96%, 65%, 96%
CMY	0.0419, 0.3479, 0.0420
CMYK	0.00, 0.32, 0.00, 0.04
HSL	300°, 78%, 81%
HSV	300°, 32%, 96%
XYZ	67.4749, 53.2120, 92.5398
YIQ	198.2140, 21.4500, 40.7940

Conversions

Conversions Part 2

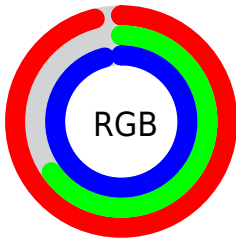
Format	Color
R_{YB}	244, 166, 244
Decimal	16033524
CIE _{Lab}	78.00, 40.86, -27.38
CIE _{LCh}	78, 49.188, 326.180
Yxy	53.2120, 0.3164, 0.2496
Android (android.graphics.Color)	4294223604 (0xFFFF4A6F4)
YUV	198.2140, 22.5725, 40.1543
Hunter-Lab	72.9466, 37.4543, -24.1525

Details

The CIELCh color **78, 49.188, 326.180** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90, 49.209, 142.151**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 20.651, 325.143**, and **58, 49.179, 326.163** is the 20% darker color. If you saturate the color by 10%, you get **73, 63.911, 326.686**, and if you desaturate by 10%, it is **83, 33.881, 325.643**.

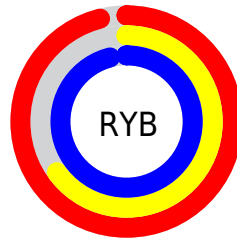
Distribution



Red (96%)

Green (65%)

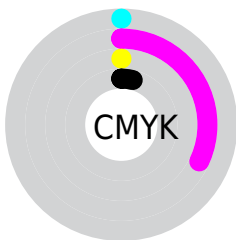
Blue (96%)



Red (96%)

Yellow (65%)

Blue (96%)

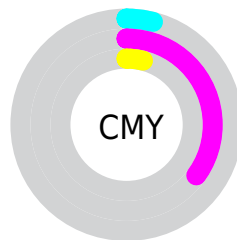


Cyan (0%)

Magenta (32%)

Yellow (0%)

Black (4%)



Cyan (4%)


Magenta (35%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 49.188, 326.180 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, 49.188, 326.180 by changing the saturation by 10% instead.

 78, 49.188,
326.180

 78, 49.188,
326.180

 100, 49.188,
326.180

 68, 49.188,
326.180


 98, 49.188,
326.180

 58, 49.188,
326.180

 48, 49.188,
326.180

 38, 49.188,
326.180

 28, 49.188,
326.180

 18, 49.188,
326.180

 8, 49.188, 326.180

■ 0, 49.188, 326.180

■ 78, 49.188,
326.180

■ 78, 49.188,
326.180

■ 73, 63.911,
326.686

■ 83, 33.881,
325.643

■ 69, 77.558,
327.142

■ 89, 18.384,
325.086

■ 65, 89.537,
327.533

■ 95, 2.966, 324.449

■ 62, 99.249,
327.843

■ 99, 6.641, 144.252

■ 99, 6.640, 144.255

■ 60, 106.230,
328.061

■ 99, 6.640, 144.259

■ 58, 110.313,
328.187

■ 99, 6.639, 144.262

■ 58, 111.871,
328.235

■ 99, 6.639, 144.265

■ 99, 6.638, 144.269

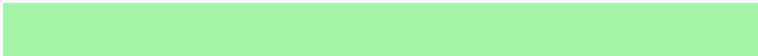
Harmonies

Complementary

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



78, 49.188, 326.180



90, 49.209, 142.151

Rectangle

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



78, 49.188, 326.180



78, 49.188, 16.180



78, 49.188, 146.180



78, 49.188, 196.180

Sweetspot

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



78, 49.185, 326.180



94, 15.934, 324.977



71, 42.655, 294.219



49, 10.879, 325.057



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, 49.185, 326.180



78, 60.269, 326.496



77, 35.240, 346.690



48, 8.758, 324.946



44, 91.224, 328.235



11, 40.559, 328.234

Inverse Universe

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



78, 49.185, 326.180



78, 60.269, 326.496



91, 33.878, 160.621



48, 8.758, 324.946



44, 91.224, 328.235



11, 40.559, 328.234

Previews

White Background



This preview shows how the CIELCh color 78, 49.188, 326.180 looks on a white background.

Color Contrast Check

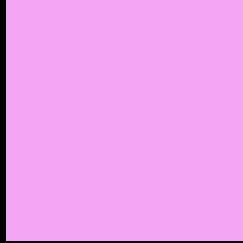
Large Text (above 18pt) WCAG AA × Fail

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, 49.188, 326.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

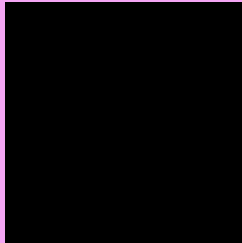
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 49.188, 326.180

Background



This preview shows how black text looks on a background with the CIELCh color 78, 49.188, 326.180.



This preview shows how white text looks on a background with the CIELCh color 78, 49.188, 326.180.

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, 23.916, 3.476

Trichromacy



Original Color
78, 49.188, 326.180



Protanomaly
78, 37.641, 302.332



Deuteranomaly
78, 34.116, 308.351

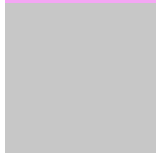


Tritanomaly
78, 31.332, 343.369

Monochromacy



Original Color
78, 49.188, 326.180



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 18.095, 325.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 49.188, 326.180 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(244, 166, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 166, 244)  
}
```

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(244, 166, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 166, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 49.188, 326.180 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(244, 166, 244) }
```

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

```
.border{ border-color:rgb(244, 166, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 166, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 166, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 166, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 166,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 49.188, 326.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 166, 244) }
```

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

```
.background{ background-color: rgb(244,  
166, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor