

Converting Colors

CIELCh(78, 26.738, 16.790)

Have a look what the booklet for
CIELCh(78, 26.738, 16.790) contains.

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Color

CIELCh(78, 26.949, 16.160)

Conversions

Conversions Part 1

Format	Color
Hex	F4AFB4
RGB	244, 175, 180
RGB Percent	96%, 69%, 71%
CMY	0.0430, 0.3136, 0.2940
CMYK	0.00, 0.28, 0.26, 0.04
HSL	356°, 76%, 82%
HSV	356°, 28%, 96%
XYZ	60.9020, 53.2120, 50.2612
YIQ	196.2010, 39.5190, 16.1830

Conversions

Conversions Part 2

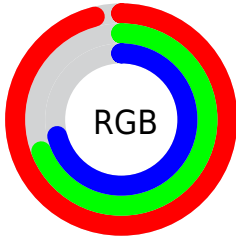
Format	Color
R_{YB}	244, 175, 180
Decimal	16035764
CIE _{Lab}	78.00, 25.88, 7.50
CIE _{LCh}	78, 26.949, 16.160
Yxy	53.2120, 0.3705, 0.3237
Android (android.graphics.Color)	4294225844 (0xFFF4AFB4)
YUV	196.2010, -7.9871, 41.9197
Hunter-Lab	72.9466, 21.3705, 10.2109

Details

The CIELCh color **78, 26.949, 16.160** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 22.808, 191.394**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 9.012, 3.445**, and **58, 26.749, 16.517** is the 20% darker color. If you saturate the color by 10%, you get **72, 37.593, 17.665**, and if you desaturate by 10%, it is **84, 16.846, 14.970**.

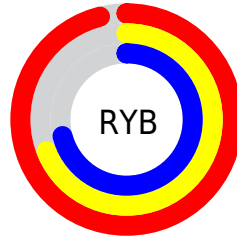
Distribution



Red (96%)

Green (69%)

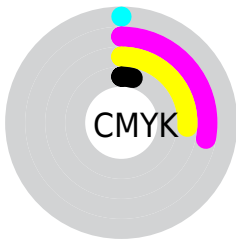
Blue (71%)



Red (96%)

Yellow (69%)

Blue (71%)

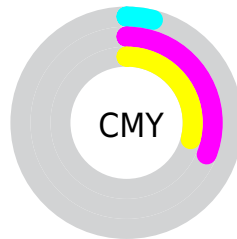


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (4%)



Cyan (4%)

Magenta (31%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 26.949, 16.160 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, 26.949, 16.160 by changing the saturation by 10% instead.

 78, 26.949, 16.160

 78, 26.949, 16.160

 100, 26.949,
16.160

 68, 26.949, 16.160

 98, 26.949, 16.160

 58, 26.949, 16.160

 48, 26.949, 16.160

 38, 26.949, 16.160

 28, 26.949, 16.160

 18, 26.949, 16.160

 8, 26.949, 16.160

 0, 26.949, 16.160

 78, 26.949, 16.160

 78, 26.949, 16.160

72, 37.593, 17.665

84, 16.846, 14.970

66, 48.619, 19.580

91, 7.366, 13.974

62, 59.751, 22.035

97, 1.481, 193.711

57, 70.629, 25.152

99, 3.785, 199.340

54, 80.859, 28.971

52, 89.998, 33.273

51, 97.222, 37.279

51, 98.232, 37.795

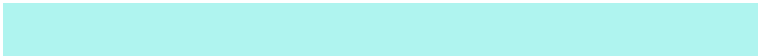
Harmonies

Complementary

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



78, 26.949, 16.160



92, 22.808, 191.394

Rectangle

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



78, 26.949, 16.160



78, 26.949, 66.160



78, 26.949, 196.160



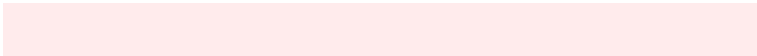
78, 26.949, 246.160

Sweetspot

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



78, 26.947, 16.165



95, 7.375, 13.950



79, 42.641, 323.578



50, 5.269, 14.094



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, 26.947, 16.165



78, 34.189, 16.992



85, 22.062, 62.875



48, 5.095, 14.090



39, 79.535, 37.165



8, 30.585, 22.094

Inverse Universe

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



78, 26.947, 16.165



78, 34.189, 16.992



84, 19.567, 249.914



48, 5.095, 14.090



39, 79.535, 37.165



8, 30.585, 22.094

Previews

White Background



This preview shows how the CIELCh color 78, 26.949, 16.160 looks on a white background.

Color Contrast Check

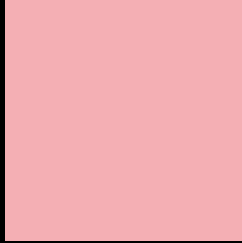
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 26.949, 16.160 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, 26.949, 16.160

Background



This preview shows how black text looks on a background with the CIELCh color 78, 26.949, 16.160.



This preview shows how white text looks on a background with the CIELCh color 78, 26.949, 16.160.

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, 26.949, 16.160

Protanopia

78, 2.130, 49.342

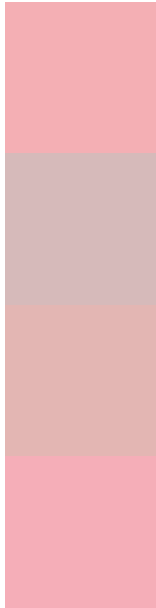
Deuteranopia

78, 13.122, 39.167



Tritanopia
78, 28.006, 7.757

Trichromacy



Original Color
78, 26.949, 16.160

Protanomaly
78, 10.633, 20.224

Deuteranomaly
78, 17.554, 25.991

Tritanomaly
78, 27.838, 10.983

Monochromacy



Original Color
78, 26.949, 16.160

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 9.477, 13.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 26.949, 16.160 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, 175, 180)` looks like.

```
.text, #text, p{  
    color:rgb(244, 175, 180)  
}
```

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, 175, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 175, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 26.949, 16.160 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, 175, 180) }
```

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

```
.border{ border-color:rgb(244, 175, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 175, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 175, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 175, 180);  
box-shadow:4px 4px 4px 4px rgb(244, 175,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 26.949, 16.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 175, 180) }
```

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

```
.background{ background-color: rgb(244,  
175, 180) }
```

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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