

Converting Colors

CIELCh(78, 30.182, 15.579)

Have a look what the booklet for
CIELCh(78, 30.182, 15.579) contains.

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Color

CIELCh(78, 30.172, 16.091)

Conversions

Conversions Part 1

Format	Color
Hex	FAADB3
RGB	250, 173, 179
RGB Percent	98%, 68%, 70%
CMY	0.0213, 0.3231, 0.2996
CMYK	0.00, 0.31, 0.28, 0.02
HSL	355°, 88%, 83%
HSV	355°, 31%, 98%
XYZ	62.2279, 53.2120, 49.4249
YIQ	196.7070, 43.9660, 18.1900

Conversions

Conversions Part 2

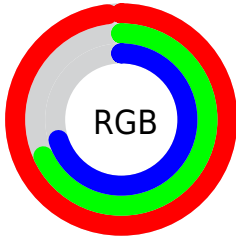
Format	Color
R _Y B	250, 173, 179
Decimal	16428467
CIE Lab	78.00, 28.99, 8.36
CIE LCh	78, 30.172, 16.091
Yxy	53.2120, 0.3774, 0.3228
Android (android.graphics.Color)	4294618547 (0xFFFAADB3)
YUV	196.7070, -8.7296, 46.7380
Hunter-Lab	72.9466, 24.6149, 10.8907

Details

The CIELCh color **78, 30.172, 16.091** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 25.163, 190.706**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 9.866, 1.857**, and **58, 30.172, 16.614** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.109, 17.702**, and if you desaturate by 10%, it is **84, 19.740, 14.820**.

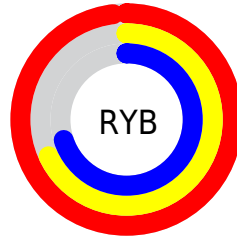
Distribution



Red (98%)

Green (68%)

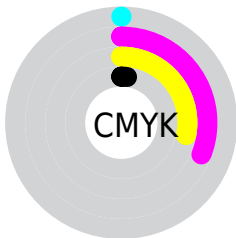
Blue (70%)



Red (98%)

Yellow (68%)

Blue (70%)

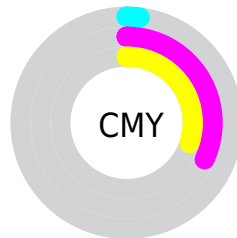


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (2%)



Cyan (2%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 30.172, 16.091 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, 30.172, 16.091 by changing the saturation by 10% instead.

78, 30.172, 16.091

78, 30.172, 16.091

100, 30.172,
16.091

68, 30.172, 16.091

98, 30.172, 16.091

58, 30.172, 16.091

48, 30.172, 16.091

38, 30.172, 16.091

28, 30.172, 16.091

18, 30.172, 16.091

8, 30.172, 16.091

0, 30.172, 16.091

78, 30.172, 16.091

78, 30.172, 16.091

72, 41.109, 17.702

84, 19.740, 14.820

67, 52.359, 19.755

91, 9.922, 13.776

62, 63.611, 22.385

98, 0.744, 12.159

58, 74.482, 25.705

100, 1.888,
199.637

55, 84.576, 29.716

53, 93.418, 34.108

52, 99.689, 37.622

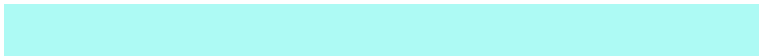
Harmonies

Complementary

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



78, 30.172, 16.091



93, 25.163, 190.706

Rectangle

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



78, 30.172, 16.091



78, 30.172, 66.091



78, 30.172, 196.091



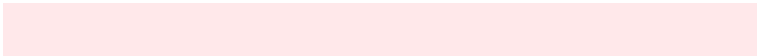
78, 30.172, 246.091

Sweetspot

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



78, 30.169, 16.095



94, 8.331, 13.599



79, 47.337, 323.703



49, 5.819, 13.740



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, 30.169, 16.095



76, 37.514, 17.046



85, 24.706, 62.607



49, 5.185, 13.646



39, 80.144, 36.962



9, 31.655, 22.994

Inverse Universe

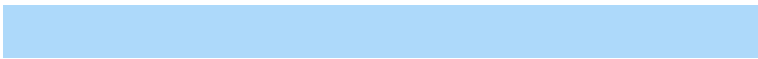
The Inverse Universe completely reimagines the original color for something new.



78, 30.169, 16.095



76, 37.514, 17.046



85, 21.639, 250.401



49, 5.185, 13.646



39, 80.144, 36.962



9, 31.655, 22.994

Previews

White Background



This preview shows how the CIELCh color 78, 30.172, 16.091 looks on a white background.

Color Contrast Check

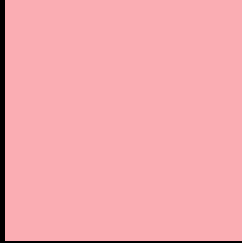
Large Text (above 18pt) WCAG AA × Fail

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, 30.172, 16.091 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, 30.172, 16.091

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.172, 16.091.

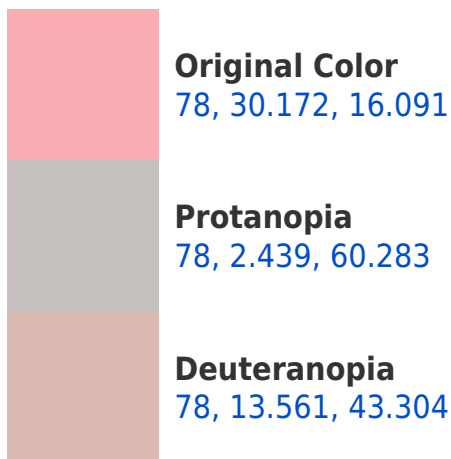


This preview shows how white text looks on a background with the CIELCh color 78, 30.172, 16.091.

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, 30.729, 9.339

Trichromacy



Original Color
78, 30.172, 16.091



Protanomaly
78, 11.812, 20.330



Deuteranomaly
78, 18.865, 27.344



Tritanomaly
78, 30.644, 11.299

Monochromacy



Original Color
78, 30.172, 16.091



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 10.680, 11.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.172, 16.091 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(250, 173, 179)` looks like.

```
.text, #text, p{  
    color:rgb(250, 173, 179)  
}
```

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(250, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 173, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.172, 16.091 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(250, 173, 179) }
```

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

```
.border{ border-color:rgb(250, 173, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 173, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(250, 173,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.172, 16.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 173, 179) }
```

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

```
.background{ background-color: rgb(250,  
173, 179) }
```

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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