

Converting Colors

CIELCh(78, 30.488, 16.423)

Have a look what the booklet for
CIELCh(78, 30.488, 16.423) contains.

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Color

CIELCh(78, 30.602, 16.225)

Conversions

Conversions Part 1

Format	Color
Hex	FAACB2
RGB	250, 172, 178
RGB Percent	98%, 67%, 70%
CMY	0.0185, 0.3244, 0.3009
CMYK	0.00, 0.31, 0.29, 0.02
HSL	355°, 89%, 83%
HSV	355°, 31%, 98%
XYZ	62.3971, 53.2120, 49.2438
YIQ	196.0060, 44.5620, 18.4020

Conversions

Conversions Part 2

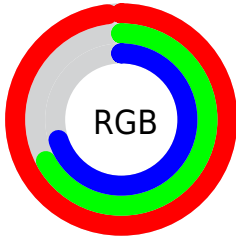
Format	Color
R_{YB}	250, 172, 178
Decimal	16428210
CIE _{Lab}	78.00, 29.38, 8.55
CIE _{LCh}	78, 30.602, 16.225
Yxy	53.2120, 0.3785, 0.3228
Android (android.graphics.Color)	4294618290 (0xFFFAACB2)
YUV	196.0060, -8.8770, 47.3527
Hunter-Lab	72.9466, 25.0290, 11.0378

Details

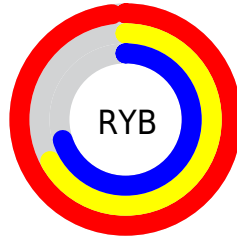
The CIELCh color **78, 30.602, 16.225** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 25.453, 190.782**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 10.222, 2.535**, and **58, 30.637, 16.786** is the 20% darker color. If you saturate the color by 10%, you get **72, 41.584, 17.848**, and if you desaturate by 10%, it is **84, 20.124, 14.946**.

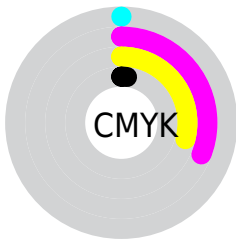
Distribution



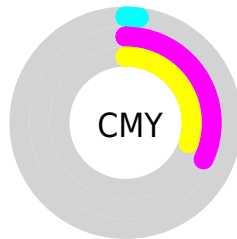
- Red (98%)
- Green (67%)
- Blue (70%)



- Red (98%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (2%)



- Cyan (2%)
- Magenta (32%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 30.602, 16.225 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, 30.602, 16.225 by changing the saturation by 10% instead.

 78, 30.602, 16.225

 78, 30.602, 16.225

 100, 30.602,
16.225

 68, 30.602, 16.225

 98, 30.602, 16.225

 58, 30.602, 16.225

 48, 30.602, 16.225

 38, 30.602, 16.225

 28, 30.602, 16.225

 18, 30.602, 16.225

 8, 30.602, 16.225

 0, 30.602, 16.225

 78, 30.602, 16.225

 78, 30.602, 16.225

72, 41.584, 17.848

84, 20.124, 14.946

67, 52.874, 19.917

91, 10.261, 13.898

62, 64.157, 22.568

98, 1.040, 12.518

58, 75.049, 25.911

100, 1.633,
199.707

55, 85.148, 29.939

53, 93.966, 34.322

52, 99.975, 37.672

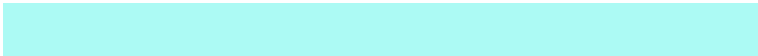
Harmonies

Complementary

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



78, 30.602, 16.225



93, 25.453, 190.782

Rectangle

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



78, 30.602, 16.225



78, 30.602, 66.225



78, 30.602, 196.225



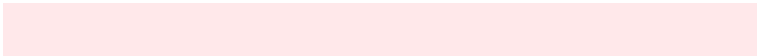
78, 30.602, 246.225

Sweetspot

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



78, 30.599, 16.229



94, 8.330, 13.689



79, 47.956, 323.719



49, 5.818, 13.830



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, 30.599, 16.229



76, 37.518, 17.131



85, 25.058, 62.572



49, 5.185, 13.736



39, 80.193, 37.011



9, 31.662, 23.040

Inverse Universe

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



78, 30.599, 16.229



76, 37.518, 17.131



85, 21.911, 250.466



49, 5.185, 13.736



39, 80.193, 37.011



9, 31.662, 23.040

Previews

White Background



This preview shows how the CIELCh color 78, 30.602, 16.225 looks on a white background.

Color Contrast Check

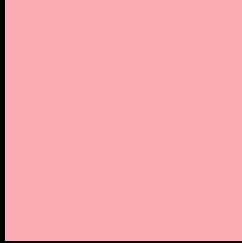
Large Text (above 18pt) WCAG AA × Fail

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, 30.602, 16.225 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, 30.602, 16.225

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.602, 16.225.



This preview shows how white text looks on a background with the CIELCh color 78, 30.602, 16.225.

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, 30.602, 16.225

Protanopia

78, 2.734, 55.163

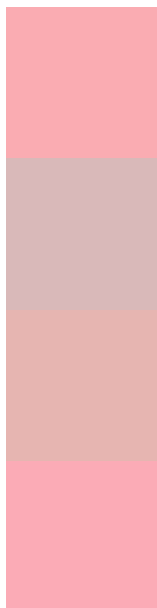
Deuteranopia

78, 13.561, 43.304



Tritanopia
78, 31.526, 9.760

Trichromacy



Original Color
78, 30.602, 16.225

Protanomaly
78, 12.201, 20.363

Deuteranomaly
78, 19.264, 27.241

Tritanomaly
78, 31.451, 11.671

Monochromacy



Original Color
78, 30.602, 16.225

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.060, 11.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.602, 16.225 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, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(250, 172, 178)  
}
```

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, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 172, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.602, 16.225 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, 172, 178) }
```

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

```
.border{ border-color:rgb(250, 172, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(250, 172,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.602, 16.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 172, 178) }
```

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

```
.background{ background-color: rgb(250,  
172, 178) }
```

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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