

Converting Colors

CIELCh(78, 32.650, 16.994)

Have a look what the booklet for
CIELCh(78, 32.650, 16.994) contains.

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Color

CIELCh(78, 32.623, 16.800)

Conversions

Conversions Part 1

Format	Color
Hex	FEABB1
RGB	254, 171, 177
RGB Percent	100%, 67%, 69%
CMY	0.0050, 0.3304, 0.3069
CMYK	0.00, 0.33, 0.30, 0.01
HSL	356°, 97%, 83%
HSV	356°, 33%, 99%
XYZ	63.1963, 53.2120, 48.4032
YIQ	196.5010, 47.5420, 19.4620

Conversions

Conversions Part 2

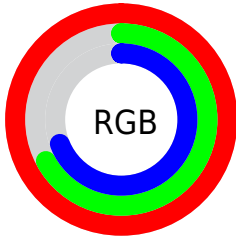
Format	Color
R _Y B	254, 171, 177
Decimal	16690097
CIE Lab	78.00, 31.23, 9.43
CIE LCh	78, 32.623, 16.800
Yxy	53.2120, 0.3834, 0.3229
Android (android.graphics.Color)	4294880177 (0xFFFEABB1)
YUV	196.5010, -9.6140, 50.4266
Hunter-Lab	72.9466, 26.9847, 11.7211

Details

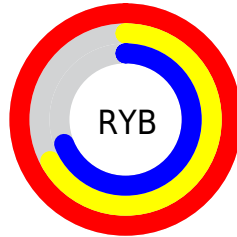
The CIELCh color **78, 32.623, 16.800** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 26.802, 191.078**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 10.580, 3.170**, and **58, 32.746, 16.520** is the 20% darker color. If you saturate the color by 10%, you get **72, 43.812, 18.480**, and if you desaturate by 10%, it is **84, 21.929, 15.482**.

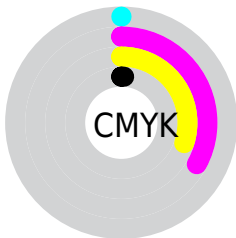
Distribution



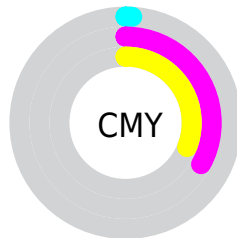
- Red (100%)
- Green (67%)
- Blue (69%)



- Red (100%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (1%)



- Cyan (1%)
- Magenta (33%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 32.623, 16.800 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, 32.623, 16.800 by changing the saturation by 10% instead.

 78, 32.623, 16.800

 78, 32.623, 16.800

 100, 32.623,
16.800

 68, 32.623, 16.800

 98, 32.623, 16.800

 58, 32.623, 16.800

 48, 32.623, 16.800

 38, 32.623, 16.800

 28, 32.623, 16.800

 18, 32.623, 16.800

 8, 32.623, 16.800

 0, 32.623, 16.800

 78, 32.623, 16.800

 78, 32.623, 16.800

72, 43.812, 18.480

84, 21.929, 15.482

67, 55.283, 20.627

91, 11.854, 14.411

62, 66.703, 23.376

98, 2.435, 13.354

58, 77.676, 26.826

100, 0.444,
200.869

55, 87.787, 30.926

54, 96.452, 35.250

53, 101.268,
37.873

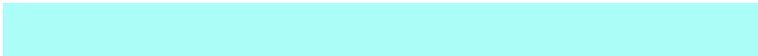
Harmonies

Complementary

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



78, 32.623, 16.800



94, 26.802, 191.078

Rectangle

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



78, 32.623, 16.800



78, 32.623, 66.800



78, 32.623, 196.800



78, 32.623, 246.800

Sweetspot

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



78, 32.620, 16.804



93, 9.283, 14.150



80, 50.840, 323.793



49, 6.365, 14.285



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, 32.620, 16.804



75, 39.786, 17.813



86, 26.711, 62.413



50, 5.269, 14.103



40, 81.231, 37.243



10, 32.797, 24.260

Inverse Universe

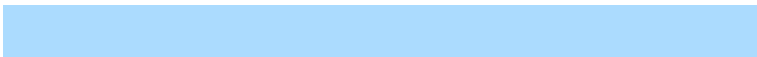
The Inverse Universe completely reimagines the original color for something new.



78, 32.620, 16.804



75, 39.786, 17.813



85, 23.178, 250.771



50, 5.269, 14.103



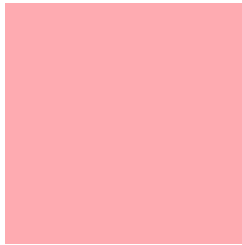
40, 81.231, 37.243



10, 32.797, 24.260

Previews

White Background



This preview shows how the CIELCh color 78, 32.623, 16.800 looks on a white background.

Color Contrast Check

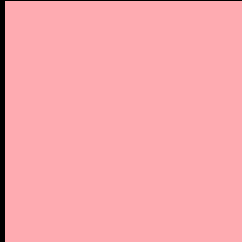
Large Text (above 18pt) WCAG AA × Fail

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, 32.623, 16.800 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, 32.623, 16.800

Background



This preview shows how black text looks on a background with the CIELCh color 78, 32.623, 16.800.

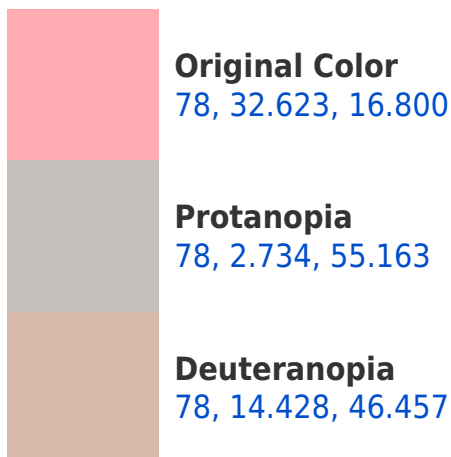


This preview shows how white text looks on a background with the CIELCh color 78, 32.623, 16.800.

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, 33.094, 10.540

Trichromacy



Original Color
78, 32.623, 16.800



Protanomaly
78, 12.979, 18.098



Deuteranomaly
78, 20.597, 28.412



Tritanomaly
78, 33.038, 12.361

Monochromacy



Original Color
78, 32.623, 16.800



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 11.401, 14.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 32.623, 16.800 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(254, 171, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 171, 177)  
}
```

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(254, 171, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 171, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 32.623, 16.800 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(254, 171, 177) }
```

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

```
.border{ border-color:rgb(254, 171, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 171, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 171, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 171, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 171,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 32.623, 16.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 171, 177) }
```

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

```
.background{ background-color: rgb(254,  
171, 177) }
```

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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