

Converting Colors

CIELCh(83, 49.989, 25.483)

Have a look what the booklet for
CIELCh(83, 49.989, 25.483) contains.

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Color

CIELCh(78, 33.177, 24.969)

Conversions

Conversions Part 1

Format	Color
Hex	FEABA8
RGB	254, 171, 168
RGB Percent	100%, 67%, 66%
CMY	0.0029, 0.3281, 0.3398
CMYK	0.00, 0.33, 0.34, 0.00
HSL	2°, 98%, 83%
HSV	2°, 34%, 100%
XYZ	62.6961, 53.2120, 44.1793
YIQ	195.4750, 50.4310, 16.6630

Conversions

Conversions Part 2

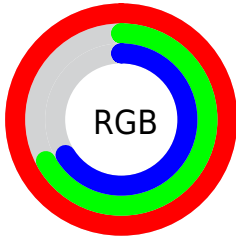
Format	Color
R _Y B	254, 171, 168
Decimal	16690088
CIE Lab	78.00, 30.08, 14.00
CIE LCh	78, 33.177, 24.969
Yxy	53.2120, 0.3916, 0.3324
Android (android.graphics.Color)	4294880168 (0xFFFEABA8)
YUV	195.4750, -13.5452, 51.3264
Hunter-Lab	72.9466, 25.7607, 15.1542

Details

The CIELCh color **78, 33.177, 24.969** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 26.046, 201.235**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 10.479, 31.335**, and **58, 33.063, 25.092** is the 20% darker color. If you saturate the color by 10%, you get **72, 44.584, 26.353**, and if you desaturate by 10%, it is **84, 22.460, 23.930**.

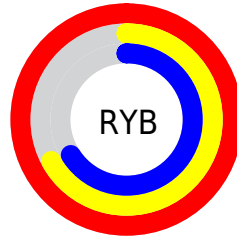
Distribution



Red (100%)

Green (67%)

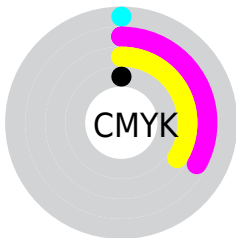
Blue (66%)



Red (100%)

Yellow (67%)

Blue (66%)

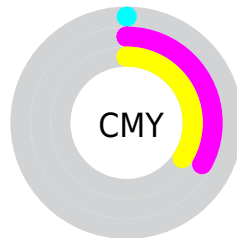


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 33.177, 24.969 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, 33.177, 24.969 by changing the saturation by 10% instead.

 78, 33.177, 24.969

 78, 33.177, 24.969

 100, 33.177,
24.969

 68, 33.177, 24.969

 98, 33.177, 24.969

 58, 33.177, 24.969

 48, 33.177, 24.969


 38, 33.177, 24.969

 28, 33.177, 24.969

 18, 33.177, 24.969

 8, 33.177, 24.969

 0, 33.177, 24.969

 78, 33.177, 24.969

 78, 33.177, 24.969

72, 44.584, 26.353

84, 22.460, 23.930

67, 56.530, 28.166

91, 12.504, 23.130

62, 68.738, 30.497

97, 3.302, 22.399

58, 80.778, 33.354

100, 0.254,
201.997

56, 91.917, 36.497

54, 100.558,
39.137

53, 103.931,
40.245

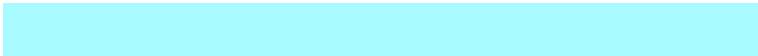
Harmonies

Complementary

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



78, 33.177, 24.969



94, 26.046, 201.235

Rectangle

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



78, 33.177, 24.969



78, 33.177, 74.969



78, 33.177, 204.969



78, 33.177, 254.969

Sweetspot

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



78, 33.175, 24.974



93, 8.947, 22.868



80, 52.509, 327.222



49, 6.139, 22.964



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, 33.175, 24.974



74, 41.432, 25.930



88, 28.909, 74.552



50, 5.077, 22.834



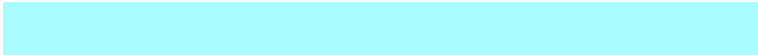
40, 83.750, 40.351



10, 32.661, 28.877

Inverse Universe

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



94, 26.046, 201.235



93, 30.637, 201.085



82, 26.797, 264.579



52, 4.774, 202.088



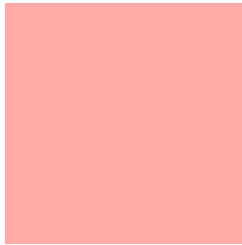
68, 38.477, 202.051



23, 17.798, 201.337

Previews

White Background



This preview shows how the CIELCh color 78, 33.177, 24.969 looks on a white background.

Color Contrast Check

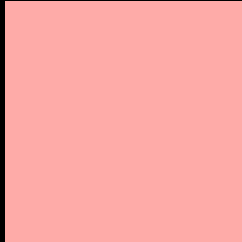
Large Text (above 18pt) WCAG AA × Fail

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, 33.177, 24.969 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, 33.177, 24.969

Background



This preview shows how black text looks on a background with the CIELCh color 78, 33.177, 24.969.

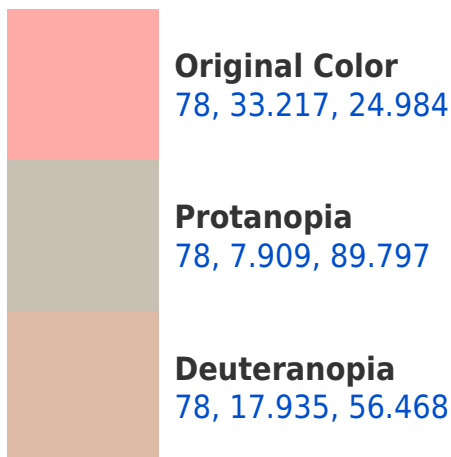


This preview shows how white text looks on a background with the CIELCh color 78, 33.177, 24.969.

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](#).

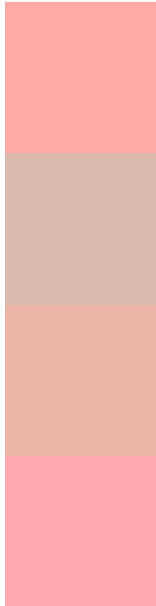
Dichromacy





Tritanopia
78, 33.448, 11.620

Trichromacy



Original Color
78, 33.217, 24.984

Protanomaly
78, 14.688, 41.545

Deuteranomaly
78, 22.535, 40.116

Tritanomaly
78, 33.432, 16.129

Monochromacy



Original Color
78, 33.217, 24.984

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 11.433, 22.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 33.177, 24.969 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 171, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 171, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 33.177, 24.969 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, 168) }
```

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

```
.border{ border-color:rgb(254, 171, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 171,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 33.177, 24.969 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, 168) }
```

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

```
.background{ background-color: rgb(254,  
171, 168) }
```

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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