

Converting Colors

CIELCh(82, 49.275, 27.034)

Have a look what the booklet for
CIELCh(82, 49.275, 27.034) contains.

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Color

CIELCh(78, 34.435, 27.574)

Conversions

Conversions Part 1

Format	Color
Hex	FFABA5
RGB	255, 171, 165
RGB Percent	100%, 67%, 65%
CMY	0.0000, 0.3300, 0.3536
CMYK	0.00, 0.33, 0.35, 0.00
HSL	4°, 100%, 82%
HSV	4°, 35%, 100%
XYZ	62.8897, 53.2120, 42.4699
YIQ	195.4320, 51.9900, 15.9420

Conversions

Conversions Part 2

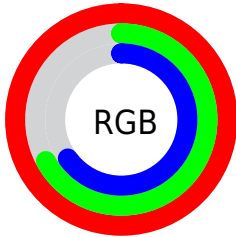
Format	Color
R _Y B	255, 171, 165
Decimal	16755621
CIE Lab	78.00, 30.52, 15.94
CIE LCh	78, 34.435, 27.574
Yxy	53.2120, 0.3966, 0.3356
Android (android.graphics.Color)	4294945701 (0xFFFFABA5)
YUV	195.4320, -15.0030, 52.2411
Hunter-Lab	72.9466, 26.2344, 16.5436

Details

The CIELCh color **78, 34.435, 27.574** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 26.299, 204.655**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **92, 10.941, 39.186**, and **58, 33.925, 27.863** is the 20% darker color. If you saturate the color by 10%, you get **72, 45.362, 28.846**, and if you desaturate by 10%, it is **84, 23.464, 26.682**.

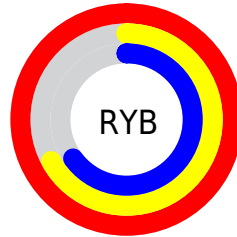
Distribution



Red (100%)

Green (67%)

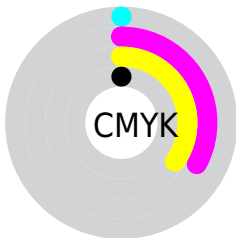
Blue (65%)



Red (100%)

Yellow (67%)

Blue (65%)

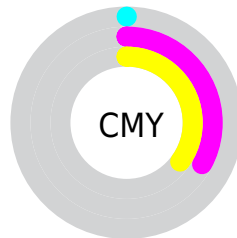


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 34.435, 27.574 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, 34.435, 27.574 by changing the saturation by 10% instead.

 78, 34.435, 27.574

 78, 34.435, 27.574

 100, 34.435,
27.574

 68, 34.435, 27.574

 98, 34.435, 27.574

 58, 34.435, 27.574

 48, 34.435, 27.574

 38, 34.435, 27.574

 28, 34.435, 27.574

 18, 34.435, 27.574

 8, 34.435, 27.574

 0, 34.435, 27.574

 78, 34.435, 27.574

 78, 34.435, 27.574

72, 45.362, 28.846

84, 23.464, 26.682

67, 57.247, 30.487

90, 13.639, 25.993

62, 69.453, 32.590

97, 4.568, 25.414

59, 81.546, 35.133

100, 0.012,
296.813

56, 92.696, 37.830

54, 101.091,
39.851

54, 103.716,
40.510

Harmonies

Complementary

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



78, 34.435, 27.574



93, 26.299, 204.655

Rectangle

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



78, 34.435, 27.574



78, 34.435, 77.574



78, 34.435, 207.574



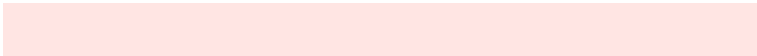
78, 34.435, 257.574

Sweetspot

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



78, 34.055, 27.606



93, 9.591, 25.742



79, 53.783, 328.304



49, 6.481, 25.818



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, 34.055, 27.606



74, 41.486, 28.389



88, 31.001, 77.593



50, 4.927, 25.659



40, 83.304, 40.685



10, 32.062, 30.442

Inverse Universe

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



93, 26.299, 204.655



92, 30.267, 204.657



81, 29.206, 268.273



52, 4.631, 205.148



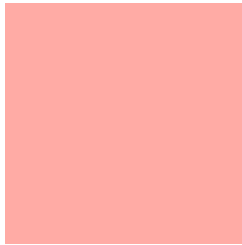
66, 37.054, 207.777



22, 17.197, 206.290

Previews

White Background



This preview shows how the CIELCh color 78, 34.435, 27.574 looks on a white background.

Color Contrast Check

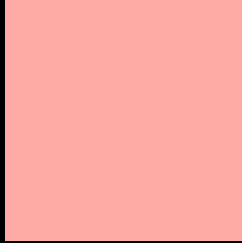
Large Text (above 18pt) WCAG AA × Fail

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, 34.435, 27.574 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, 34.435, 27.574

Background



This preview shows how black text looks on a background with the CIELCh color 78, 34.435, 27.574.

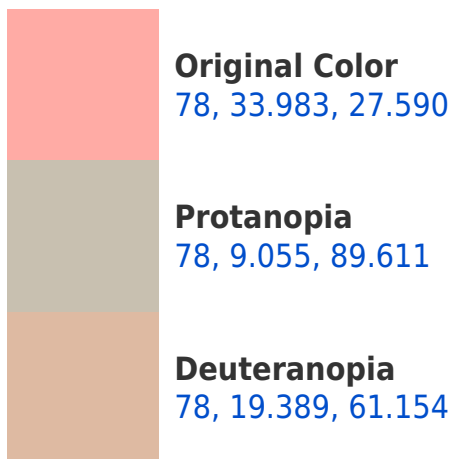


This preview shows how white text looks on a background with the CIELCh color 78, 34.435, 27.574.

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, 33.870, 11.808

Trichromacy



Original Color
78, 33.983, 27.590



Protanomaly
78, 15.554, 44.559



Deuteranomaly
78, 23.674, 43.263

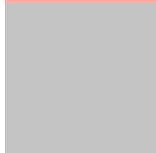


Tritanomaly
78, 33.489, 17.928

Monochromacy



Original Color
78, 33.983, 27.590



Achromatopsia
79, 0.010, 296.813



Achromatomaly
78, 11.897, 25.430

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 34.435, 27.574 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(255, 171, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 165)  
}
```

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(255, 171, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 34.435, 27.574 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(255, 171, 165) }
```

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

```
.border{ border-color:rgb(255, 171, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 171, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 34.435, 27.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 165) }
```

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

```
.background{ background-color: rgb(255,  
171, 165) }
```

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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