

Converting Colors

CIELCh(80, 33.308, 26.657)

Have a look what the booklet for
CIELCh(80, 33.308, 26.657) contains.

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Color

CIELCh(79, 31.174, 26.796)

Conversions

Conversions Part 1

Format	Color
Hex	FEB0AB
RGB	254, 176, 171
RGB Percent	100%, 69%, 67%
CMY	0.0051, 0.3105, 0.3301
CMYK	0.00, 0.31, 0.33, 0.01
HSL	4°, 97%, 83%
HSV	4°, 33%, 99%
XYZ	63.5908, 54.9284, 45.6960
YIQ	198.7520, 48.0930, 14.9810

Conversions

Conversions Part 2

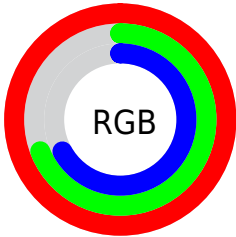
Format	Color
RYB	254, 176, 171
Decimal	16691371
CIELab	79.00, 27.83, 14.05
CIElCh	79, 31.174, 26.796
Yxy	54.9284, 0.3872, 0.3345
Android (android.graphics.Color)	4294881451 (0xFFFE0AB)
YUV	198.7520, -13.6817, 48.4525
Hunter-Lab	74.1137, 23.4571, 15.3234

Details

The CIELCh color **79, 31.174, 26.796** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 24.634, 203.946**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.942, 39.965**, and **59, 30.904, 26.867** is the 20% darker color. If you saturate the color by 10%, you get **73, 42.298, 27.987**, and if you desaturate by 10%, it is **85, 20.774, 25.915**.

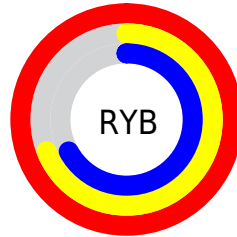
Distribution



Red (100%)

Green (69%)

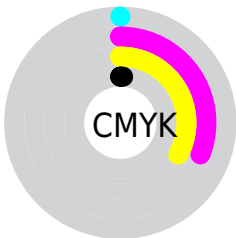
Blue (67%)



Red (100%)

Yellow (69%)

Blue (67%)

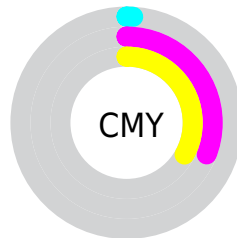


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (1%)



Cyan (1%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 31.174, 26.796 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 79, 31.174, 26.796 by changing the saturation by 10% instead.

79, 31.174, 26.796

79, 31.174, 26.796

100, 31.174,
26.796

69, 31.174, 26.796

99, 31.174, 26.796

59, 31.174, 26.796

49, 31.174, 26.796

39, 31.174, 26.796

29, 31.174, 26.796

19, 31.174, 26.796

9, 31.174, 26.796

0, 31.174, 26.796

79, 31.174, 26.796

79, 31.174, 26.796

73, 42.298, 27.987

85, 20.774, 25.915

68, 54.035, 29.560

91, 11.140, 25.245

63, 66.155, 31.596

98, 2.250, 24.542

59, 78.278, 34.107

100, 0.448,
200.855

56, 89.724, 36.903

54, 99.026, 39.318

53, 103.419,
40.448

Harmonies

Complementary

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



79, 31.174, 26.796



93, 24.634, 203.946

Rectangle

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



79, 31.174, 26.796



79, 31.174, 76.796



79, 31.174, 206.796



79, 31.174, 256.796

Sweetspot

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



79, 31.172, 26.801



94, 8.736, 25.089



80, 50.141, 327.650



49, 5.995, 25.171



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 31.172, 26.801



76, 38.300, 27.514



89, 28.094, 76.350



50, 4.957, 25.060



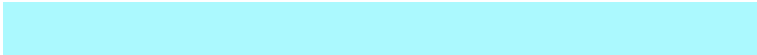
40, 83.404, 40.610



10, 32.183, 30.118

Inverse Universe

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



93, 24.634, 203.946



93, 28.700, 203.899



82, 26.357, 266.038



52, 4.659, 204.499



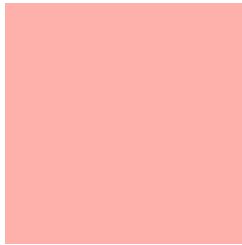
67, 37.322, 206.550



22, 17.312, 205.232

Previews

White Background



This preview shows how the CIELCh color 79, 31.174, 26.796 looks on a white background.

Color Contrast Check

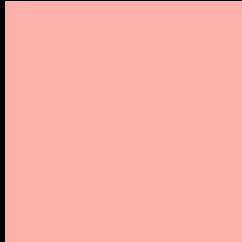
Large Text (above 18pt) WCAG AA × Fail

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 79, 31.174, 26.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

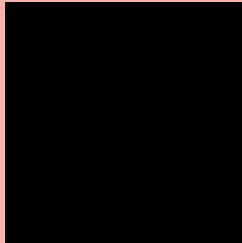
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 31.174, 26.796

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.174, 26.796.

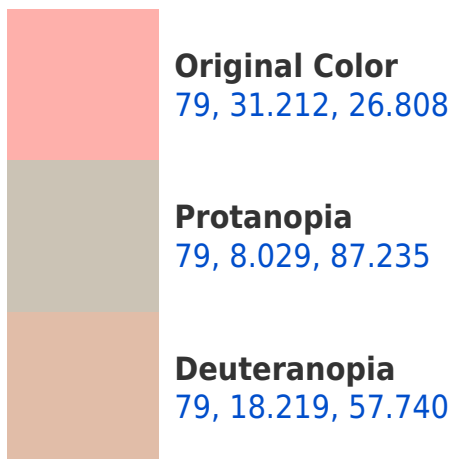


This preview shows how white text looks on a background with the CIELCh color 79, 31.174, 26.796.

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](#).

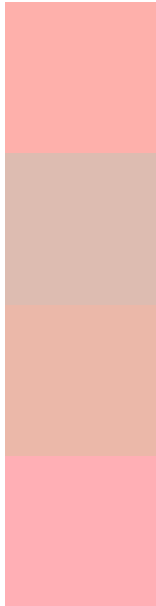
Dichromacy





Tritanopia
79, 31.811, 9.901

Trichromacy



Original Color
79, 31.212, 26.808

Protanomaly
79, 14.136, 44.611

Deuteranomaly
79, 21.914, 42.010

Tritanomaly
79, 31.292, 16.403

Monochromacy



Original Color
79, 31.212, 26.808

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 10.671, 25.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.174, 26.796 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, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 176, 171)  
}
```

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, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 176, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.174, 26.796 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, 176, 171) }
```

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

```
.border{ border-color:rgb(254, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 176,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.174, 26.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 176, 171) }
```

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

```
.background{ background-color: rgb(254,  
176, 171) }
```

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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