

Converting Colors

CIELCh(83, 34.407, 31.596)

Have a look what the booklet for
CIELCh(83, 34.407, 31.596) contains.

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Color

CIELCh(81, 28.526, 33.155)

Conversions

Conversions Part 1

Format	Color
Hex	FEB8AD
RGB	254, 184, 173
RGB Percent	100%, 72%, 68%
CMY	0.0035, 0.2777, 0.3208
CMYK	0.00, 0.28, 0.32, 0.00
HSL	8°, 98%, 84%
HSV	8°, 32%, 100%
XYZ	65.6526, 58.4711, 47.4585
YIQ	203.6760, 45.2510, 11.4190

Conversions

Conversions Part 2

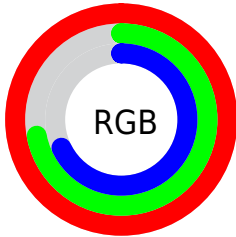
Format	Color
RYB	254, 186, 173
Decimal	16693421
CIELab	81.00, 23.88, 15.60
CIELCh	81, 28.526, 33.155
Yxy	58.4711, 0.3826, 0.3408
Android (android.graphics.Color)	4294883501 (0xFFFE8AD)
YUV	203.6760, -15.1233, 44.1341
Hunter-Lab	76.4664, 19.4405, 16.7284

Details

The CIELCh color **81, 28.526, 33.155** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 22.639, 212.742**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 8.196, 67.908**, and **61, 28.495, 33.314** is the 20% darker color. If you saturate the color by 10%, you get **76, 39.057, 33.847**, and if you desaturate by 10%, it is **87, 18.759, 32.701**.

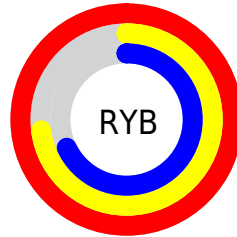
Distribution



Red (100%)

Green (72%)

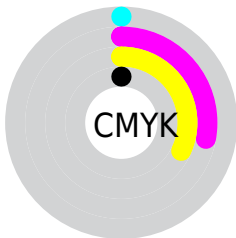
Blue (68%)



Red (100%)

Yellow (73%)

Blue (68%)

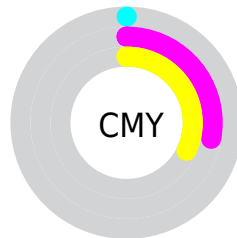


Cyan (0%)

Magenta (28%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.526, 33.155 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 81, 28.526, 33.155 by changing the saturation by 10% instead.

 81, 28.526, 33.155

 81, 28.526, 33.155

 100, 28.526,
33.155

 71, 28.526, 33.155

 61, 28.526, 33.155

 51, 28.526, 33.155

 41, 28.526, 33.155

 31, 28.526, 33.155

 21, 28.526, 33.155

 11, 28.526, 33.155

 1, 28.526, 33.155

 0, 28.526, 33.155

81, 28.526, 33.155

81, 28.526, 33.155

76, 39.057, 33.847

87, 18.759, 32.701

70, 50.310, 34.818

93, 9.750, 32.400

66, 62.143, 36.121

99, 1.455, 31.880

62, 74.258, 37.749

100, 0.308,
201.535

58, 86.043, 39.546

56, 96.135, 40.989

54, 101.850,
41.507

Harmonies

Complementary

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



81, 28.526, 33.155



92, 22.639, 212.742

Rectangle

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



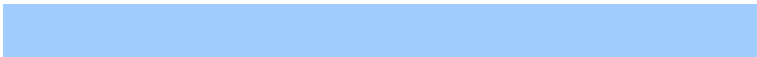
81, 28.526, 33.155



81, 28.526, 83.155



81, 28.526, 213.155



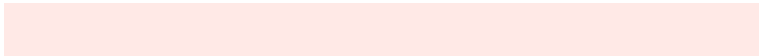
81, 28.526, 263.155

Sweetspot

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



81, 28.524, 33.161



94, 8.193, 32.353



80, 46.270, 330.239



49, 5.622, 32.389



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 28.524, 33.161



78, 35.019, 33.553



91, 29.016, 84.162



50, 4.648, 32.341



41, 81.890, 41.801



11, 30.919, 33.840

Inverse Universe

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



92, 22.639, 212.742



91, 26.372, 212.997



81, 28.409, 273.513



52, 4.369, 212.396



62, 35.233, 221.689



20, 16.327, 218.242

Previews

White Background



This preview shows how the CIELCh color 81, 28.526, 33.155 looks on a white background.

Color Contrast Check

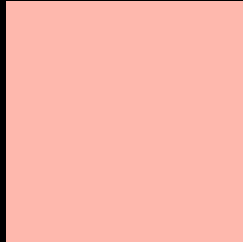
Large Text (above 18pt) WCAG AA × Fail

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 81, 28.526, 33.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

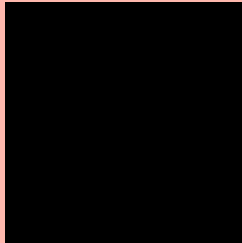
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 28.526, 33.155

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.526, 33.155.

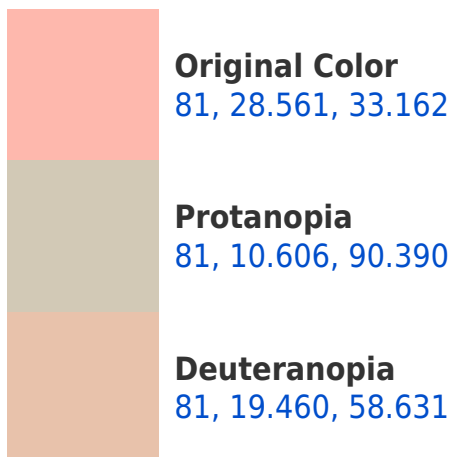


This preview shows how white text looks on a background with the CIELCh color 81, 28.526, 33.155.

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
81, 28.533, 8.096

Trichromacy



Original Color
81, 28.561, 33.162

Protanomaly
81, 14.774, 54.887

Deuteranomaly
81, 22.141, 45.985

Tritanomaly
81, 27.909, 17.469

Monochromacy



Original Color
81, 28.561, 33.162

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 9.668, 32.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.526, 33.155 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, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 184, 173)  
}
```

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, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 184, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.526, 33.155 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, 184, 173) }
```

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

```
.border{ border-color:rgb(254, 184, 173) }
```

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

Here you see how a box with a 4 pixel rgb(254, 184, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 184, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 184, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 184,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.526, 33.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 184, 173) }
```

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

```
.background{ background-color: rgb(254,  
184, 173) }
```

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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