

Converting Colors

CIELCh(80, 34.261, 47.136)

Have a look what the booklet for
CIELCh(80, 34.261, 47.136) contains.

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Color

CIELCh(80, 34.314, 46.733)

Conversions

Conversions Part 1

Format	Color
Hex	FFB599
RGB	255, 181, 153
RGB Percent	100%, 71%, 60%
CMY	0.0000, 0.2897, 0.3996
CMYK	0.00, 0.29, 0.40, 0.00
HSL	16°, 100%, 80%
HSV	16°, 40%, 100%
XYZ	63.5920, 56.6813, 37.7734
YIQ	199.9340, 53.0920, 6.9800

Conversions

Conversions Part 2

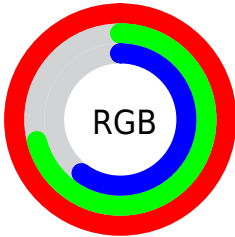
Format	Color
R_{YB}	255, 192, 153
Decimal	16758169
CIE _{Lab}	80.00, 23.52, 24.99
CIE _{LCh}	80, 34.314, 46.733
Yxy	56.6813, 0.4024, 0.3586
Android (android.graphics.Color)	4294948249 (0xFFFFB599)
YUV	199.9340, -23.1385, 48.2929
Hunter-Lab	75.2870, 19.0198, 22.9536

Details

The CIELCh color **80, 34.314, 46.733** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 26.219, 232.514**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 16.796, 85.196**, and **60, 34.173, 46.834** is the 20% darker color. If you saturate the color by 10%, you get **75, 44.583, 46.652**, and if you desaturate by 10%, it is **85, 24.668, 47.033**.

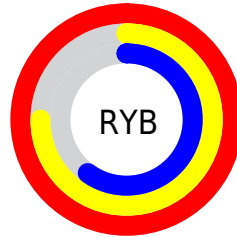
Distribution



Red (100%)

Green (71%)

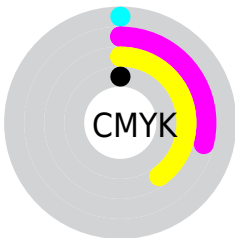
Blue (60%)



Red (100%)

Yellow (75%)

Blue (60%)

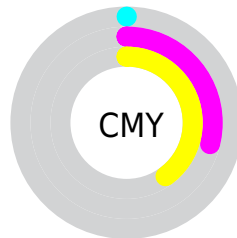


Cyan (0%)

Magenta (29%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 34.314, 46.733 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 80, 34.314, 46.733 by changing the saturation by 10% instead.

 80, 34.314, 46.733

 80, 34.314, 46.733

 100, 34.314,
46.733

 70, 34.314, 46.733

 60, 34.314, 46.733

 50, 34.314, 46.733

 40, 34.314, 46.733

 30, 34.314, 46.733

 20, 34.314, 46.733

 10, 34.314, 46.733

 0, 34.314, 46.733

 80, 34.314, 46.733

 80, 34.314, 46.733

75, 44.583, 46.652

85, 24.668, 47.033

71, 55.564, 46.680

90, 15.784, 47.403

67, 67.013, 46.827

95, 7.569, 47.837

63, 78.444, 46.960

100, 0.012,
296.813

60, 88.768, 46.718

58, 96.470, 45.675

58, 96.501, 45.671

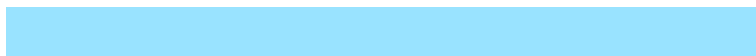
Harmonies

Complementary

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



80, 34.314, 46.733



86, 26.219, 232.514

Rectangle

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



80, 34.314, 46.733



80, 34.314, 96.733



80, 34.314, 226.733



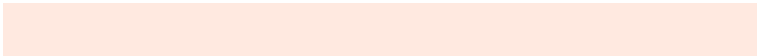
80, 34.314, 276.733

Sweetspot

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



80, 34.265, 46.773



94, 9.196, 47.748



76, 52.804, 335.866



49, 6.131, 47.690



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 34.265, 46.773



76, 42.509, 46.664



92, 41.025, 93.405



50, 4.314, 47.856



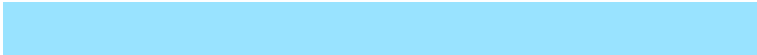
44, 77.231, 46.203



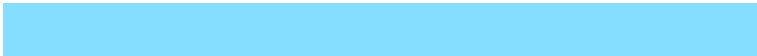
13, 28.896, 41.979

Inverse Universe

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



86, 26.219, 232.514



84, 30.476, 233.946



73, 42.669, 284.711



51, 4.087, 229.163



54, 38.040, 251.420



17, 16.816, 244.669

Previews

White Background



This preview shows how the CIELCh color 80, 34.314, 46.733 looks on a white background.

Color Contrast Check

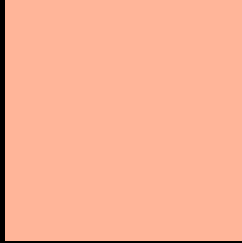
Large Text (above 18pt) WCAG AA × Fail

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 80, 34.314, 46.733 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 80, 34.314, 46.733

Background



This preview shows how black text looks on a background with the CIELCh color 80, 34.314, 46.733.



This preview shows how white text looks on a background with the CIELCh color 80, 34.314, 46.733.

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](#).

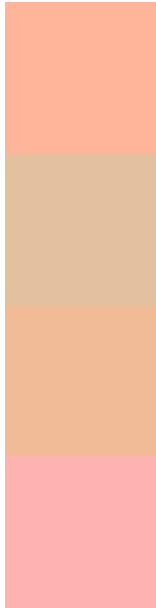
Dichromacy





Tritanopia
80, 30.110, 10.020

Trichromacy



Original Color
80, 34.314, 46.733

Protanomaly
80, 23.058, 70.869

Deuteranomaly
80, 29.585, 58.974

Tritanomaly
80, 29.979, 23.908

Monochromacy



Original Color
80, 34.314, 46.733

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 11.664, 47.010

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 34.314, 46.733 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, 181, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 153)  
}
```

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, 181, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 34.314, 46.733 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, 181, 153) }
```

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

```
.border{ border-color:rgb(255, 181, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 153); box-shadow:4px 4px 4px 4px rgb(255, 181, 153) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 34.314, 46.733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 153) }
```

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

```
.background{ background-color: rgb(255,  
181, 153) }
```

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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