

Converting Colors

CIELCh(80, 30.978, 47.311)

Have a look what the booklet for
CIELCh(80, 30.978, 47.311) contains.

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Color

CIELCh(80, 30.986, 47.316)

Conversions

Conversions Part 1

Format	Color
Hex	FAB79D
RGB	250, 183, 157
RGB Percent	98%, 72%, 62%
CMY	0.0192, 0.2820, 0.3840
CMYK	0.00, 0.27, 0.37, 0.02
HSL	17°, 90%, 80%
HSV	17°, 37%, 98%
XYZ	62.5025, 56.6813, 39.5823
YIQ	200.0690, 48.2780, 6.1180

Conversions

Conversions Part 2

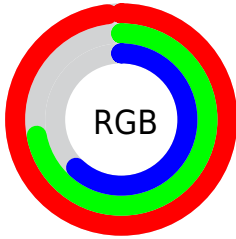
Format	Color
R _Y B	250, 193, 157
Decimal	16431005
CIE Lab	80.00, 21.01, 22.78
CIE LCh	80, 30.986, 47.316
Yxy	56.6813, 0.3937, 0.3570
Android (android.graphics.Color)	4294621085 (0xFF FAB79D)
YUV	200.0690, -21.2330, 43.7895
Hunter-Lab	75.2870, 16.4368, 21.5290

Details

The CIELCh color **80, 30.986, 47.316** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 24.283, 232.755**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 15.044, 85.709**, and **60, 30.961, 47.118** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.920, 47.128**, and if you desaturate by 10%, it is **85, 21.757, 47.644**.

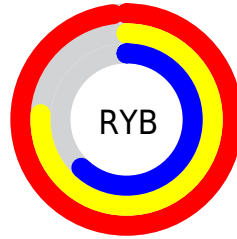
Distribution



Red (98%)

Green (72%)

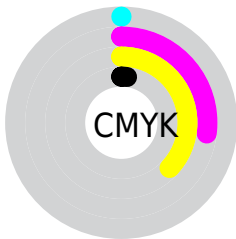
Blue (62%)



Red (98%)

Yellow (76%)

Blue (62%)

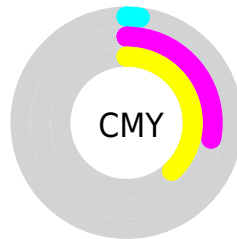


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (28%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.986, 47.316 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, 30.986, 47.316 by changing the saturation by 10% instead.

 80, 30.986, 47.316

 80, 30.986, 47.316

 100, 30.986,
47.316

 70, 30.986, 47.316

 60, 30.986, 47.316

 50, 30.986, 47.316

 40, 30.986, 47.316

 30, 30.986, 47.316

 20, 30.986, 47.316

 10, 30.986, 47.316

 0, 30.986, 47.316

 80, 30.986, 47.316

 80, 30.986, 47.316

75, 40.920, 47.128

85, 21.757, 47.644

71, 51.530, 47.077

90, 13.217, 48.064

67, 62.672, 47.154

95, 5.315, 48.515

63, 73.972, 47.265

100, 1.703,
199.686

60, 84.572, 47.131

57, 92.841, 46.188

57, 94.826, 45.902

Harmonies

Complementary

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



80, 30.986, 47.316



86, 24.283, 232.755

Rectangle

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



80, 30.986, 47.316



80, 30.986, 97.316



80, 30.986, 227.316



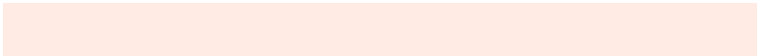
80, 30.986, 277.316

Sweetspot

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



80, 30.985, 47.322



94, 8.386, 48.349



76, 48.515, 335.639



50, 5.665, 48.287



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, 30.985, 47.322



78, 39.306, 47.157



91, 37.582, 93.767



50, 4.238, 48.418



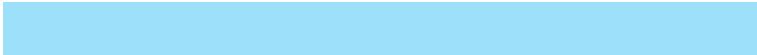
43, 76.251, 46.439



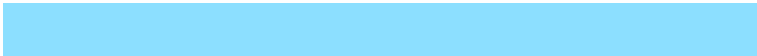
12, 27.596, 41.787

Inverse Universe

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



86, 24.283, 232.755



85, 28.957, 234.081



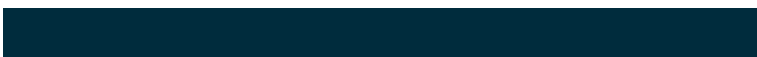
74, 38.932, 284.122



50, 4.017, 229.763



53, 37.897, 252.299



16, 16.413, 245.155

Previews

White Background



This preview shows how the CIELCh color 80, 30.986, 47.316 looks on a white background.

Color Contrast Check

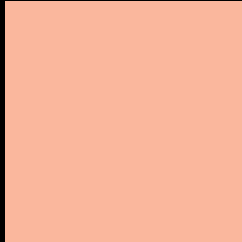
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 30.986, 47.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

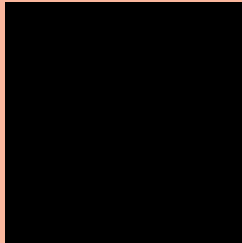
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 30.986, 47.316

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.986, 47.316.



This preview shows how white text looks on a background with the CIELCh color 80, 30.986, 47.316.

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



Original Color

80, 30.986, 47.316

Protanopia

80, 18.614, 93.833

Deuteranopia

80, 25.139, 67.168



Tritanopia
80, 29.471, 7.591

Trichromacy



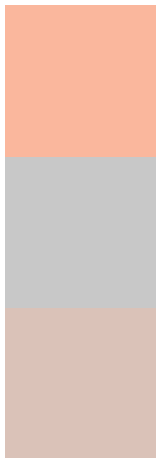
Original Color
80, 30.986, 47.316

Protanomaly
80, 21.393, 71.873

Deuteranomaly
80, 27.117, 58.830

Tritanomaly
80, 28.252, 22.826

Monochromacy



Original Color
80, 30.986, 47.316

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.617, 49.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.986, 47.316 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(250, 183, 157)` looks like.

```
.text, #text, p{  
    color:rgb(250, 183, 157)  
}
```

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(250, 183, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 183, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.986, 47.316 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(250, 183, 157) }
```

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

```
.border{ border-color:rgb(250, 183, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 183, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 183, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 183, 157);  
box-shadow:4px 4px 4px 4px rgb(250, 183,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.986, 47.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 183, 157) }
```

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

```
.background{ background-color: rgb(250,  
183, 157) }
```

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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