

Converting Colors

CIELCh(81, 47.645, 70.389)

Have a look what the booklet for
CIELCh(81, 47.645, 70.389) contains.

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Color

CIELCh(81, 47.710, 70.353)

Conversions

Conversions Part 1

Format	Color
Hex	FEBC75
RGB	254, 188, 117
RGB Percent	100%, 74%, 46%
CMY	0.0029, 0.2618, 0.5403
CMYK	0.00, 0.26, 0.54, 0.00
HSL	31°, 99%, 73%
HSV	31°, 54%, 100%
XYZ	62.2203, 58.4711, 24.9026
YIQ	199.6400, 62.1270, -8.0890

Conversions

Conversions Part 2

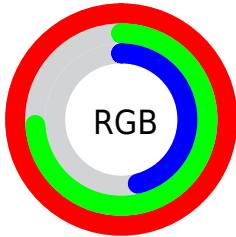
Format	Color
R_{YB}	244, 254, 117
Decimal	16694389
CIE _{Lab}	81.00, 16.04, 44.93
CIE _{LCh}	81, 47.710, 70.353
Yxy	58.4711, 0.4274, 0.4016
Android (android.graphics.Color)	4294884469 (0xFFFEBC75)
YUV	199.6400, -40.7415, 47.6737
Hunter-Lab	76.4664, 11.4283, 34.2177

Details

The CIELCh color **81, 47.710, 70.353** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 41.514, 268.219**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 37.688, 100.642**, and **61, 47.879, 70.760** is the 20% darker color. If you saturate the color by 10%, you get **78, 57.468, 68.957**, and if you desaturate by 10%, it is **84, 38.090, 71.702**.

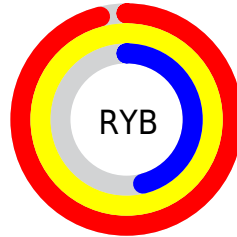
Distribution



Red (100%)

Green (74%)

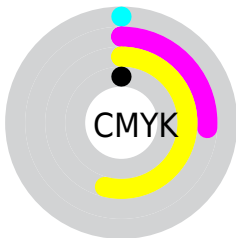
Blue (46%)



Red (96%)

Yellow (100%)

Blue (46%)

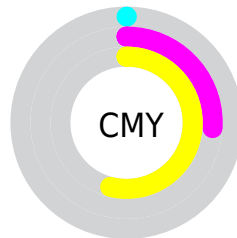


Cyan (0%)

Magenta (26%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 47.710, 70.353 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, 47.710, 70.353 by changing the saturation by 10% instead.

81, 47.710, 70.353

81, 47.710, 70.353

100, 47.710,
70.353

71, 47.710, 70.353

61, 47.710, 70.353

51, 47.710, 70.353

41, 47.710, 70.353

31, 47.710, 70.353

21, 47.710, 70.353

11, 47.710, 70.353

1, 47.710, 70.353

0, 47.710, 70.353

81, 47.710, 70.353

81, 47.710, 70.353

78, 57.468, 68.957

84, 38.090, 71.702

75, 66.989, 67.425

88, 28.778, 73.021

72, 75.543, 65.588

91, 19.839, 74.320

69, 81.984, 63.135

95, 11.283, 75.590

68, 84.754, 61.319

98, 3.091, 76.751

100, 0.260,
201.939

Harmonies

Complementary

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



81, 47.710, 70.353



73, 41.514, 268.219

Rectangle

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



81, 47.710, 70.353



81, 47.710, 120.353



81, 47.710, 250.353



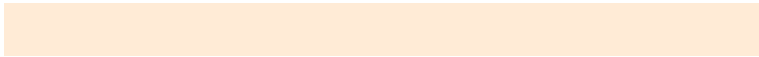
81, 47.710, 300.353

Sweetspot

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



81, 47.710, 70.357



94, 13.082, 75.326



68, 59.789, 350.786



49, 8.873, 75.066



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, 47.710, 70.357



78, 58.680, 68.795



97, 66.636, 105.868



51, 4.581, 76.129



52, 68.199, 62.018



16, 27.014, 63.656

Inverse Universe

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



73, 41.514, 268.219



68, 49.851, 271.926



56, 77.884, 298.789



50, 4.492, 258.690



40, 60.468, 285.925



11, 24.528, 279.517

Previews

White Background



This preview shows how the CIELCh color 81, 47.710, 70.353 looks on a white background.

Color Contrast Check

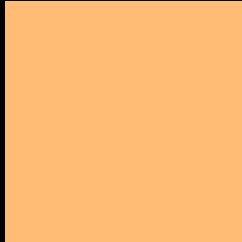
Large Text (above 18pt) WCAG AA × Fail

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, 47.710, 70.353 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, 47.710, 70.353

Background



This preview shows how black text looks on a background with the CIELCh color 81, 47.710, 70.353.



This preview shows how white text looks on a background with the CIELCh color 81, 47.710, 70.353.

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

81, 47.710, 70.353

Protanopia

81, 42.331, 96.153

Deuteranopia

81, 46.403, 77.260



Tritanopia
81, 28.470, 9.139

Trichromacy



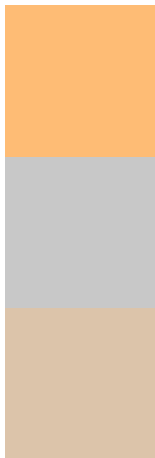
Original Color
81, 47.710, 70.353

Protanomaly
81, 43.117, 86.403

Deuteranomaly
81, 46.953, 75.229

Tritanomaly
81, 30.376, 39.530

Monochromacy



Original Color
81, 47.710, 70.353

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 16.745, 74.675

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 47.710, 70.353 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, 188, 117)` looks like.

```
.text, #text, p{  
    color:rgb(254, 188, 117)  
}
```

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, 188, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 188, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 47.710, 70.353 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, 188, 117) }
```

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

```
.border{ border-color:rgb(254, 188, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 188, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 188, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 188, 117);  
box-shadow:4px 4px 4px 4px rgb(254, 188,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 47.710, 70.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 188, 117) }
```

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

```
.background{ background-color: rgb(254,  
188, 117) }
```

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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