

Converting Colors

CIELCh(81, 47.706, 72.138)

Have a look what the booklet for
CIELCh(81, 47.706, 72.138) contains.

CIELCh(81, 47.706, 72.138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 47.706, 72.138)

Conversions

Conversions Part 1

Format	Color
Hex	FCBD74
RGB	252, 189, 116
RGB Percent	99%, 74%, 45%
CMY	0.0110, 0.2581, 0.5444
CMYK	0.00, 0.25, 0.54, 0.01
HSL	32°, 96%, 72%
HSV	32°, 54%, 99%
XYZ	61.6166, 58.4711, 24.6142
YIQ	199.5150, 60.9810, -9.3470

Conversions

Conversions Part 2

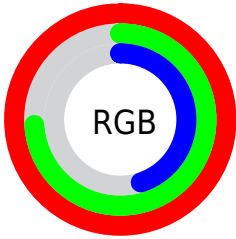
Format	Color
R _Y B	233, 252, 116
Decimal	16563572
CIE Lab	81.00, 14.63, 45.41
CIE LCh	81, 47.706, 72.138
Yxy	58.4711, 0.4258, 0.4041
Android (android.graphics.Color)	4294753652 (0xFFFCBD74)
YUV	199.5150, -41.1729, 46.0293
Hunter-Lab	76.4664, 10.0191, 34.4413

Details

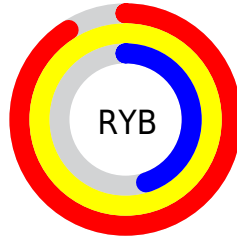
The CIELCh color **81, 47.706, 72.138** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **72, 42.323, 270.160**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 38.600, 101.314**, and **61, 47.823, 72.601** is the 20% darker color. If you saturate the color by 10%, you get **78, 57.326, 70.698**, and if you desaturate by 10%, it is **84, 38.170, 73.525**.

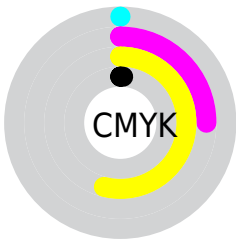
Distribution



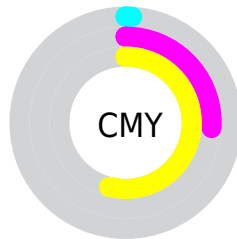
- Red (99%)
- Green (74%)
- Blue (45%)



- Red (91%)
- Yellow (99%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (54%)
- Black (1%)



- Cyan (1%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 47.706, 72.138 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, 47.706, 72.138 by changing the saturation by 10% instead.

81, 47.706, 72.138

81, 47.706, 72.138

100, 47.706,
72.138

71, 47.706, 72.138

61, 47.706, 72.138

51, 47.706, 72.138

41, 47.706, 72.138

31, 47.706, 72.138

21, 47.706, 72.138

11, 47.706, 72.138

1, 47.706, 72.138

0, 47.706, 72.138

81, 47.706, 72.138

81, 47.706, 72.138

78, 57.326, 70.698

84, 38.170, 73.525

75, 66.646, 69.115

87, 28.900, 74.876

72, 74.931, 67.230

91, 19.967, 76.200

70, 81.063, 64.747

94, 11.386, 77.491

68, 83.641, 62.935

98, 3.146, 78.673

100, 0.973,
200.025

Harmonies

Complementary

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



81, 47.706, 72.138



72, 42.323, 270.160

Rectangle

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



81, 47.706, 72.138



81, 47.706, 122.138



81, 47.706, 252.138



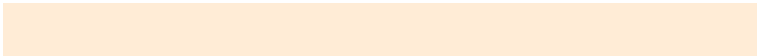
81, 47.706, 302.138

Sweetspot

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



81, 47.706, 72.142



94, 13.247, 77.227



67, 58.979, 351.872



50, 8.982, 76.962



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, 47.706, 72.142



78, 58.869, 70.532



96, 66.264, 106.664



50, 4.567, 78.045



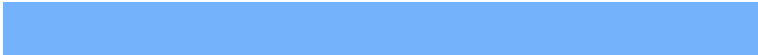
52, 67.071, 63.646



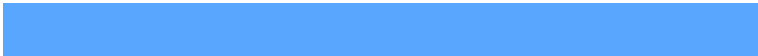
16, 25.876, 65.403

Inverse Universe

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



72, 42.323, 270.160



67, 51.271, 273.833



56, 77.407, 299.174



49, 4.491, 260.619



39, 62.020, 287.539



10, 24.515, 280.944

Previews

White Background



This preview shows how the CIELCh color 81, 47.706, 72.138 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, 47.706, 72.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

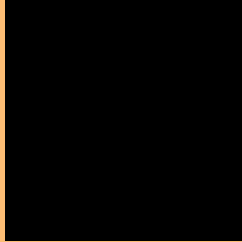
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 47.706, 72.138

Background



This preview shows how black text looks on a background with the CIELCh color 81, 47.706, 72.138.



This preview shows how white text looks on a background with the CIELCh color 81, 47.706, 72.138.

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, 47.706, 72.138

Protanopia

81, 42.822, 96.216

Deuteranopia

81, 46.403, 77.260



Tritanopia
81, 28.470, 9.139

Trichromacy



Original Color
81, 47.706, 72.138

Protanomaly
81, 43.595, 86.563

Deuteranomaly
81, 46.953, 75.229

Tritanomaly
81, 29.791, 40.868

Monochromacy



Original Color
81, 47.706, 72.138

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 16.520, 75.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 47.706, 72.138 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(252, 189, 116)` looks like.

```
.text, #text, p{  
    color:rgb(252, 189, 116)  
}
```

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(252, 189, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 189, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 47.706, 72.138 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(252, 189, 116) }
```

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

```
.border{ border-color:rgb(252, 189, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 189, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 189, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 189, 116);  
box-shadow:4px 4px 4px 4px rgb(252, 189,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 47.706, 72.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 189, 116) }
```

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

```
.background{ background-color: rgb(252,  
189, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor