

Converting Colors

CIELCh(81, 54.651, 74.678)

Have a look what the booklet for
CIELCh(81, 54.651, 74.678) contains.

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Color

CIELCh(81, 54.742, 74.828)

Conversions

Conversions Part 1

Format	Color
Hex	FEBD65
RGB	254, 189, 101
RGB Percent	100%, 74%, 40%
CMY	0.0035, 0.2584, 0.6035
CMYK	0.00, 0.26, 0.60, 0.00
HSL	35°, 99%, 70%
HSV	35°, 60%, 100%
XYZ	61.4861, 58.4711, 20.3813
YIQ	198.4030, 66.9880, -13.5880

Conversions

Conversions Part 2

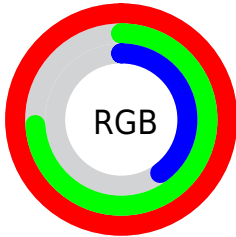
Format	Color
RYB	214, 254, 101
Decimal	16694629
CIELab	81.00, 14.33, 52.83
CIELCh	81, 54.742, 74.828
Yxy	58.4711, 0.4381, 0.4166
Android (android.graphics.Color)	4294884709 (0xFFFEBD65)
YUV	198.4030, -48.0197, 48.7586
Hunter-Lab	76.4664, 9.7145, 37.7233

Details

The CIELCh color **81, 54.742, 74.828** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **67, 50.190, 275.881**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 45.908, 101.588**, and **61, 55.012, 74.918** is the 20% darker color. If you saturate the color by 10%, you get **78, 64.080, 73.247**, and if you desaturate by 10%, it is **84, 45.148, 76.308**.

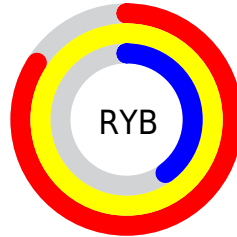
Distribution



Red (100%)

Green (74%)

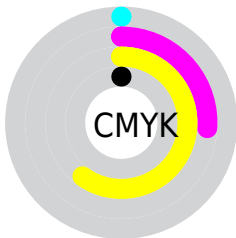
Blue (40%)



Red (84%)

Yellow (100%)

Blue (40%)

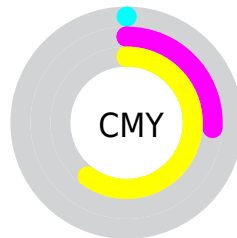


Cyan (0%)

Magenta (26%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 54.742, 74.828 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, 54.742, 74.828 by changing the saturation by 10% instead.

81, 54.742, 74.828

81, 54.742, 74.828

100, 54.742,
74.828

71, 54.742, 74.828

61, 54.742, 74.828

51, 54.742, 74.828

41, 54.742, 74.828

31, 54.742, 74.828

21, 54.742, 74.828

11, 54.742, 74.828

1, 54.742, 74.828

0, 54.742, 74.828

81, 54.742, 74.828

81, 54.742, 74.828

78, 64.080, 73.247

84, 45.148, 76.308

76, 72.547, 71.438

87, 35.624, 77.727

73, 79.151, 69.184

90, 26.322, 79.108

71, 83.142, 66.366

93, 17.307, 80.454

96, 8.592, 81.750

100, 0.169, 80.882

100, 0.309,
201.532

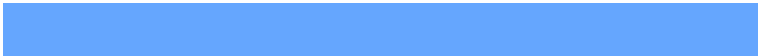
Harmonies

Complementary

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



81, 54.742, 74.828



67, 50.190, 275.881

Rectangle

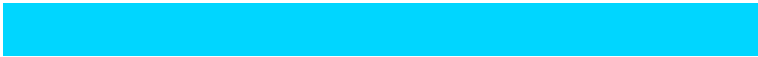
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 54.742, 74.828



81, 54.742, 124.828



81, 54.742, 254.828



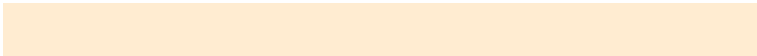
81, 54.742, 304.828

Sweetspot

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



81, 54.742, 74.832



94, 15.394, 80.746



64, 64.390, 355.375



49, 10.752, 80.361



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, 54.742, 74.832



78, 65.864, 72.943



96, 73.390, 107.826



52, 4.789, 81.838



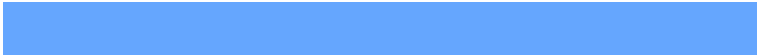
54, 67.026, 67.027



17, 27.209, 69.386

Inverse Universe

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



67, 50.190, 275.881



62, 60.358, 280.046



52, 87.785, 301.130



50, 4.734, 264.429



37, 67.449, 290.705



10, 27.151, 284.774

Previews

White Background



This preview shows how the CIELCh color 81, 54.742, 74.828 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, 54.742, 74.828 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, 54.742, 74.828

Background



This preview shows how black text looks on a background with the CIELCh color 81, 54.742, 74.828.



This preview shows how white text looks on a background with the CIELCh color 81, 54.742, 74.828.

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, 54.742, 74.828

Protanopia

81, 50.680, 95.973

Deuteranopia

81, 54.234, 79.123



Tritanopia
81, 28.417, 10.186

Trichromacy



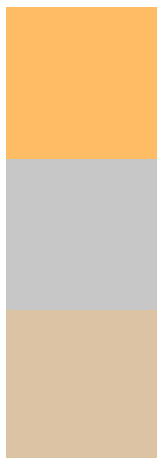
Original Color
81, 54.742, 74.828

Protanomaly
81, 50.958, 87.569

Deuteranomaly
81, 54.511, 77.738

Tritanomaly
81, 31.750, 45.624

Monochromacy



Original Color
81, 54.742, 74.828

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 19.527, 79.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 54.742, 74.828 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, 189, 101)` looks like.

```
.text, #text, p{  
    color:rgb(254, 189, 101)  
}
```

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, 189, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 189, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 54.742, 74.828 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, 189, 101) }
```

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

```
.border{ border-color:rgb(254, 189, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 189, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 189, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 189, 101);  
box-shadow:4px 4px 4px 4px rgb(254, 189,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 54.742, 74.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 189, 101) }
```

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

```
.background{ background-color: rgb(254,  
189, 101) }
```

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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