

Converting Colors

CIELCh(81, 54.098, 74.124)

Have a look what the booklet for
CIELCh(81, 54.098, 74.124) contains.

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Color

CIELCh(81, 54.133, 74.053)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD67
RGB	255, 189, 103
RGB Percent	100%, 74%, 40%
CMY	0.0011, 0.2598, 0.5970
CMYK	0.00, 0.26, 0.60, 0.00
HSL	34°, 100%, 70%
HSV	34°, 60%, 100%
XYZ	61.7193, 58.4711, 20.8033
YIQ	198.9300, 66.9420, -12.7540

Conversions

Conversions Part 2

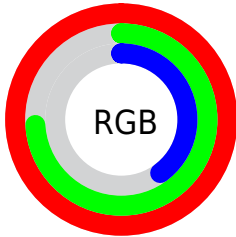
Format	Color
R _Y B	220, 255, 103
Decimal	16760167
CIE Lab	81.00, 14.87, 52.05
CIE LCh	81, 54.133, 74.053
Yxy	58.4711, 0.4377, 0.4147
Android (android.graphics.Color)	4294950247 (0xFFFFBD67)
YUV	198.9300, -47.2935, 49.1734
Hunter-Lab	76.4664, 10.2588, 37.3961

Details

The CIELCh color **81, 54.133, 74.053** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **68, 49.140, 274.838**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 44.942, 101.568**, and **61, 54.095, 74.022** is the 20% darker color. If you saturate the color by 10%, you get **78, 63.563, 72.492**, and if you desaturate by 10%, it is **84, 44.502, 75.518**.

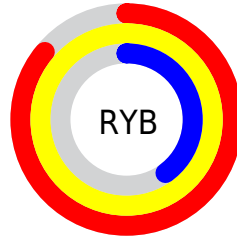
Distribution



Red (100%)

Green (74%)

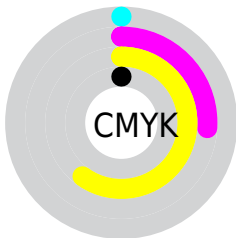
Blue (40%)



Red (86%)

Yellow (100%)

Blue (40%)

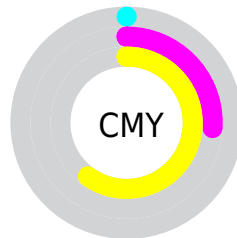


Cyan (0%)

Magenta (26%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 54.133, 74.053 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, 54.133, 74.053 by changing the saturation by 10% instead.

 81, 54.133, 74.053

 81, 54.133, 74.053

 100, 54.133,
74.053

 71, 54.133, 74.053

 61, 54.133, 74.053

 51, 54.133, 74.053

 41, 54.133, 74.053

 31, 54.133, 74.053

 21, 54.133, 74.053

 11, 54.133, 74.053

 1, 54.133, 74.053

 0, 54.133, 74.053

81, 54.133, 74.053

81, 54.133, 74.053

78, 63.563, 72.492

84, 44.502, 75.518

75, 72.201, 70.710

87, 34.977, 76.926

73, 79.069, 68.490

90, 25.699, 78.299

70, 83.366, 65.614

93, 16.726, 79.637

70, 83.501, 65.515

97, 8.065, 80.925

100, 0.096,
206.339

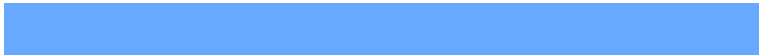
Harmonies

Complementary

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



81, 54.133, 74.053



68, 49.140, 274.838

Rectangle

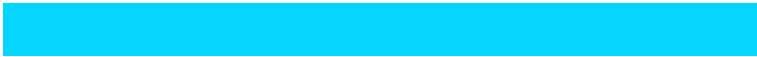
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 54.133, 74.053



81, 54.133, 124.053



81, 54.133, 254.053



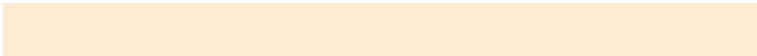
81, 54.133, 304.053

Sweetspot

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



81, 54.133, 74.057



94, 15.284, 79.854



65, 64.420, 354.096



49, 10.678, 79.471



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, 54.133, 74.057



78, 65.747, 72.099



97, 72.905, 107.052



51, 4.752, 80.944



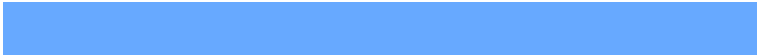
54, 67.177, 66.189



17, 27.158, 68.455

Inverse Universe

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



68, 49.140, 274.838



62, 59.457, 279.213



52, 87.115, 300.679



50, 4.692, 263.535



38, 66.292, 289.988



10, 26.711, 283.978

Previews

White Background



This preview shows how the CIELCh color 81, 54.133, 74.053 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, 54.133, 74.053 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, 54.133, 74.053

Background



This preview shows how black text looks on a background with the CIELCh color 81, 54.133, 74.053.



This preview shows how white text looks on a background with the CIELCh color 81, 54.133, 74.053.

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, 54.133, 74.053

Protanopia

81, 49.738, 95.892

Deuteranopia

81, 53.352, 78.787



Tritanopia
81, 28.417, 10.186

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 54.133, 74.053 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, 189, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 103)  
}
```

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, 189, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 54.133, 74.053 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, 189, 103) }
```

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

```
.border{ border-color:rgb(255, 189, 103) }
```

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

Here you see how a box with a 4 pixel rgb(255, 189, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 54.133, 74.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 103) }
```

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

```
.background{ background-color: rgb(255,  
189, 103) }
```

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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