

Converting Colors

CIELCh(81, 34.614, 54.698)

Have a look what the booklet for
CIELCh(81, 34.614, 54.698) contains.

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Color

CIELCh(81, 34.794, 54.747)

Conversions

Conversions Part 1

Format	Color
Hex	FEBA95
RGB	254, 186, 149
RGB Percent	100%, 73%, 58%
CMY	0.0032, 0.2699, 0.4150
CMYK	0.00, 0.27, 0.41, 0.00
HSL	21°, 98%, 79%
HSV	21°, 41%, 100%
XYZ	63.9741, 58.4711, 36.4169
YIQ	202.1140, 52.4050, 2.9090

Conversions

Conversions Part 2

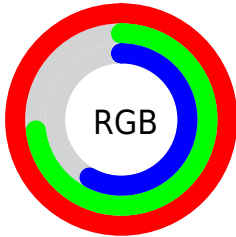
Format	Color
R _Y B	254, 206, 149
Decimal	16693909
CIE Lab	81.00, 20.08, 28.41
CIE LCh	81, 34.794, 54.747
Yxy	58.4711, 0.4027, 0.3681
Android (android.graphics.Color)	4294883989 (0xFFFEBA95)
YUV	202.1140, -26.1852, 45.5040
Hunter-Lab	76.4664, 15.5223, 25.2898

Details

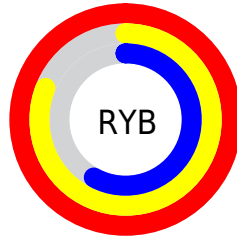
The CIELCh color **81, 34.794, 54.747** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 27.569, 243.923**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.487, 94.750**, and **61, 34.671, 55.112** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.792, 54.125**, and if you desaturate by 10%, it is **85, 25.426, 55.456**.

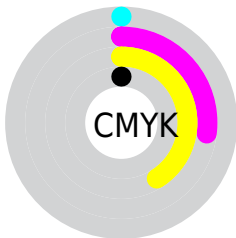
Distribution



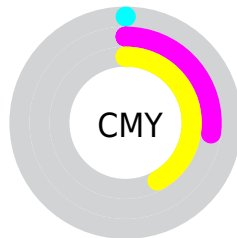
- Red (100%)
- Green (73%)
- Blue (58%)



- Red (100%)
- Yellow (81%)
- Blue (58%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 34.794, 54.747 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, 34.794, 54.747 by changing the saturation by 10% instead.

 81, 34.794, 54.747

 81, 34.794, 54.747

 100, 34.794,
54.747

 71, 34.794, 54.747

 61, 34.794, 54.747

 51, 34.794, 54.747

 41, 34.794, 54.747

 31, 34.794, 54.747

 21, 34.794, 54.747

 11, 34.794, 54.747

 1, 34.794, 54.747

 0, 34.794, 54.747

81, 34.794, 54.747

81, 34.794, 54.747

77, 44.792, 54.125

85, 25.426, 55.456

73, 55.351, 53.567

90, 16.691, 56.223

69, 66.241, 53.025

94, 8.552, 57.021

66, 76.916, 52.341

99, 0.956, 57.356

63, 86.234, 51.150

100, 0.283,
201.734

60, 92.301, 49.476

Harmonies

Complementary

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



81, 34.794, 54.747



84, 27.569, 243.923

Rectangle

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



81, 34.794, 54.747



81, 34.794, 104.747



81, 34.794, 234.747



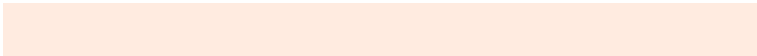
81, 34.794, 284.747

Sweetspot

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



81, 34.793, 54.753



94, 9.114, 56.966



75, 51.461, 339.773



50, 6.073, 56.862



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, 34.793, 54.753



78, 43.556, 54.203



94, 45.552, 98.552



51, 4.280, 57.162



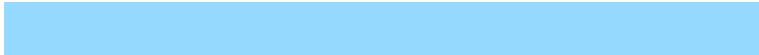
46, 74.065, 50.104



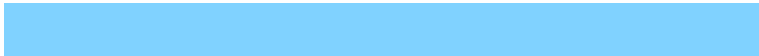
14, 27.920, 48.020

Inverse Universe

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



84, 27.569, 243.923



81, 32.559, 245.961



70, 48.933, 289.539



51, 4.093, 239.071



50, 43.297, 265.372



15, 18.465, 258.105

Previews

White Background



This preview shows how the CIELCh color 81, 34.794, 54.747 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, 34.794, 54.747 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, 34.794, 54.747

Background



This preview shows how black text looks on a background with the CIELCh color 81, 34.794, 54.747.



This preview shows how white text looks on a background with the CIELCh color 81, 34.794, 54.747.

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, 34.794, 54.747

Protanopia

81, 24.380, 94.767

Deuteranopia

81, 30.448, 70.673



Tritanopia
81, 28.470, 9.139

Trichromacy



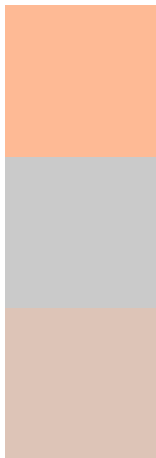
Original Color
81, 34.794, 54.747

Protanomaly
81, 26.074, 77.336

Deuteranomaly
81, 31.944, 65.063

Tritanomaly
81, 28.219, 28.012

Monochromacy



Original Color
81, 34.794, 54.747

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.838, 55.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 34.794, 54.747 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, 186, 149)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 149)  
}
```

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, 186, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 34.794, 54.747 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, 186, 149) }
```

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

```
.border{ border-color:rgb(254, 186, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 186, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 149);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 34.794, 54.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 186, 149) }
```

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

```
.background{ background-color: rgb(254,  
186, 149) }
```

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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