

Converting Colors

CIELCh(98, 89.209, 37.546)

Have a look what the booklet for
CIELCh(98, 89.209, 37.546) contains.

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Color

CIELCh(81, 35.498, 54.994)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA94
RGB	255, 186, 148
RGB Percent	100%, 73%, 58%
CMY	0.0003, 0.2708, 0.4199
CMYK	0.00, 0.27, 0.42, 0.00
HSL	21°, 100%, 79%
HSV	21°, 42%, 100%
XYZ	64.0973, 58.4711, 35.8977
YIQ	202.2990, 53.3220, 2.8100

Conversions

Conversions Part 2

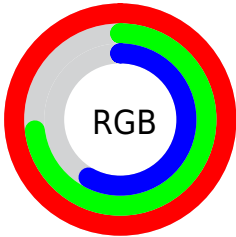
Format	Color
R _Y B	255, 207, 148
Decimal	16759444
CIE Lab	81.00, 20.36, 29.08
CIE LCh	81, 35.498, 54.994
Yxy	58.4711, 0.4045, 0.3690
Android (android.graphics.Color)	4294949524 (0xFFFFBA94)
YUV	202.2990, -26.7694, 46.2188
Hunter-Lab	76.4664, 15.8100, 25.6924

Details

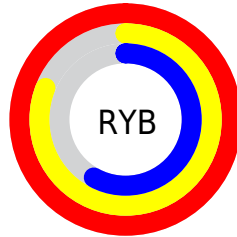
The CIELCh color **81, 35.498, 54.994** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 28.060, 244.455**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.982, 95.024**, and **61, 35.431, 55.344** is the 20% darker color. If you saturate the color by 10%, you get **77, 45.548, 54.360**, and if you desaturate by 10%, it is **85, 26.075, 55.714**.

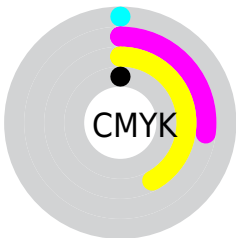
Distribution



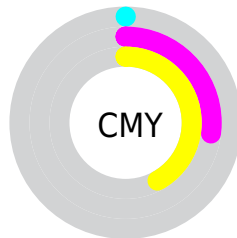
- Red (100%)
- Green (73%)
- Blue (58%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 35.498, 54.994 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, 35.498, 54.994 by changing the saturation by 10% instead.

 81, 35.498, 54.994

 81, 35.498, 54.994

 100, 35.498,
54.994

 71, 35.498, 54.994

 61, 35.498, 54.994

 51, 35.498, 54.994

 41, 35.498, 54.994

 31, 35.498, 54.994

 21, 35.498, 54.994

 11, 35.498, 54.994

 1, 35.498, 54.994

 0, 35.498, 54.994

81, 35.498, 54.994

81, 35.498, 54.994

77, 45.548, 54.360

85, 26.075, 55.714

73, 56.146, 53.786

90, 17.283, 56.490

69, 67.048, 53.218

94, 9.089, 57.300

66, 77.673, 52.489

99, 1.440, 57.841

63, 86.834, 51.217

100, 0.027,
224.672

60, 92.365, 49.627

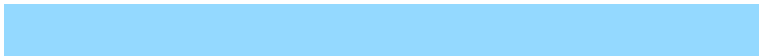
Harmonies

Complementary

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



81, 35.498, 54.994



83, 28.060, 244.455

Rectangle

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



81, 35.498, 54.994



81, 35.498, 104.994



81, 35.498, 234.994



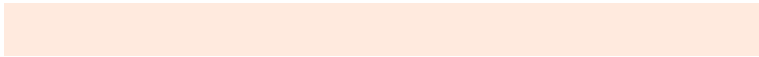
81, 35.498, 284.994

Sweetspot

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



81, 35.497, 55.000



94, 9.910, 57.216



74, 52.358, 339.839



49, 6.989, 57.037



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, 35.497, 55.000



78, 43.532, 54.480



94, 46.363, 98.475



51, 4.281, 57.495



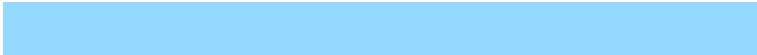
46, 73.951, 50.264



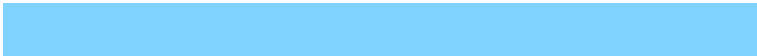
14, 27.890, 48.254

Inverse Universe

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



83, 28.060, 244.455



81, 32.621, 246.363



70, 49.884, 289.676



51, 4.095, 239.423



50, 43.525, 265.816



15, 18.540, 258.547

Previews

White Background



This preview shows how the CIELCh color 81, 35.498, 54.994 looks on a white background.

Color Contrast Check

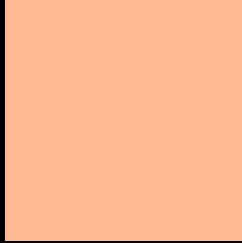
Large Text (above 18pt) WCAG AA × Fail

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, 35.498, 54.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

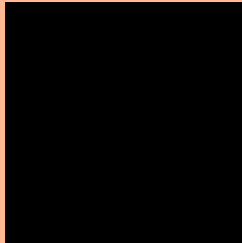
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 35.498, 54.994

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.498, 54.994.



This preview shows how white text looks on a background with the CIELCh color 81, 35.498, 54.994.

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, 35.498, 54.994

Protanopia

81, 24.891, 94.977

Deuteranopia

81, 31.150, 70.585



Tritanopia
81, 28.470, 9.139

Trichromacy



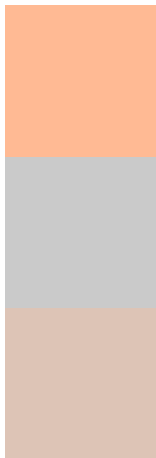
Original Color
81, 35.498, 54.994

Protanomaly
81, 27.222, 77.572

Deuteranomaly
81, 32.589, 64.025

Tritanomaly
81, 28.655, 27.963

Monochromacy



Original Color
81, 35.498, 54.994

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 12.172, 57.292

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 35.498, 54.994 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, 186, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 148)  
}
```

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, 186, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.498, 54.994 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, 186, 148) }
```

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

```
.border{ border-color:rgb(255, 186, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 186, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.498, 54.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 148) }
```

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

```
.background{ background-color: rgb(255,  
186, 148) }
```

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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