

Converting Colors

CIELCh(81, 34.712, 53.208)

Have a look what the booklet for
CIELCh(81, 34.712, 53.208) contains.

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Color

CIELCh(81, 34.801, 53.756)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA96
RGB	255, 186, 150
RGB Percent	100%, 73%, 59%
CMY	0.0007, 0.2712, 0.4124
CMYK	0.00, 0.27, 0.41, 0.00
HSL	21°, 100%, 79%
HSV	21°, 41%, 100%
XYZ	64.1901, 58.4711, 36.6898
YIQ	202.5270, 52.6800, 3.4320

Conversions

Conversions Part 2

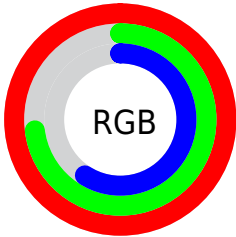
Format	Color
R _Y B	255, 205, 150
Decimal	16759446
CIE Lab	81.00, 20.58, 28.07
CIE LCh	81, 34.801, 53.756
Yxy	58.4711, 0.4028, 0.3669
Android (android.graphics.Color)	4294949526 (0xFFFFBA96)
YUV	202.5270, -25.8958, 46.0188
Hunter-Lab	76.4664, 16.0265, 25.0782

Details

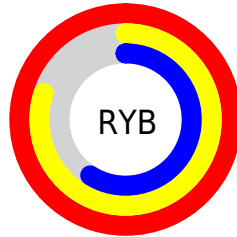
The CIELCh color **81, 34.801, 53.756** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 27.419, 242.555**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.992, 94.460**, and **61, 34.674, 54.088** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.855, 53.193**, and if you desaturate by 10%, it is **85, 25.392, 54.414**.

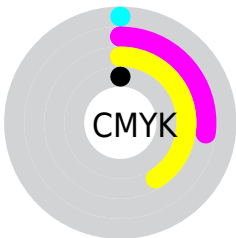
Distribution



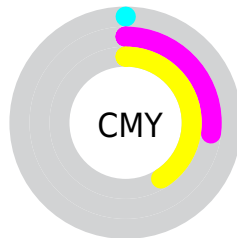
- Red (100%)
- Green (73%)
- Blue (59%)



- Red (100%)
- Yellow (80%)
- Blue (59%)



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 34.801, 53.756 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, 34.801, 53.756 by changing the saturation by 10% instead.

 81, 34.801, 53.756

 81, 34.801, 53.756

 100, 34.801,
53.756

 71, 34.801, 53.756

 61, 34.801, 53.756

 51, 34.801, 53.756

 41, 34.801, 53.756

 31, 34.801, 53.756

 21, 34.801, 53.756

 11, 34.801, 53.756

 1, 34.801, 53.756

 0, 34.801, 53.756

81, 34.801, 53.756

81, 34.801, 53.756

77, 44.855, 53.193

85, 25.392, 54.414

73, 55.486, 52.702

90, 16.629, 55.136

69, 66.470, 52.239

95, 8.472, 55.892

65, 77.265, 51.647

99, 0.870, 56.125

62, 86.729, 50.559

100, 0.063,
210.062

60, 92.975, 48.945

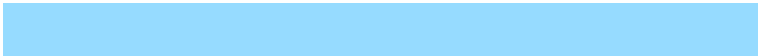
Harmonies

Complementary

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



81, 34.801, 53.756



84, 27.419, 242.555

Rectangle

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



81, 34.801, 53.756



81, 34.801, 103.756



81, 34.801, 233.756



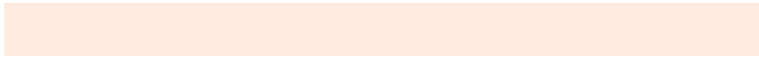
81, 34.801, 283.756

Sweetspot

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



81, 34.800, 53.762



94, 9.111, 55.832



75, 51.983, 338.965



50, 6.072, 55.733



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, 34.800, 53.762



78, 42.618, 53.310



94, 44.838, 97.569



51, 4.278, 56.018



46, 74.456, 49.567



14, 28.026, 47.225

Inverse Universe

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



84, 27.419, 242.555



81, 31.820, 244.326



70, 47.892, 288.676



51, 4.085, 237.861



50, 42.533, 263.820



16, 18.215, 256.567

Previews

White Background



This preview shows how the CIELCh color 81, 34.801, 53.756 looks on a white background.

Color Contrast Check

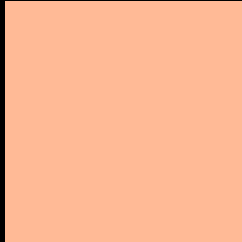
Large Text (above 18pt) WCAG AA × Fail

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, 34.801, 53.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

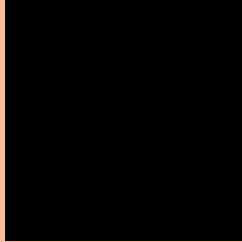
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 34.801, 53.756

Background



This preview shows how black text looks on a background with the CIELCh color 81, 34.801, 53.756.



This preview shows how white text looks on a background with the CIELCh color 81, 34.801, 53.756.

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





Tritanopia
81, 28.470, 9.139

Trichromacy



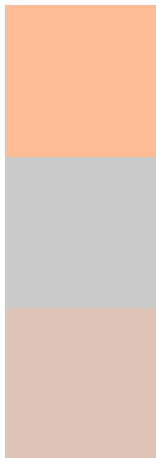
Original Color
81, 34.801, 53.756

Protanomaly
81, 25.866, 76.036

Deuteranomaly
81, 31.477, 63.378

Tritanomaly
81, 28.535, 26.944

Monochromacy



Original Color
81, 34.801, 53.756

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, 34.801, 53.756 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 34.801, 53.756 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, 150) }
```

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

```
.border{ border-color:rgb(255, 186, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 34.801, 53.756 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, 150) }
```

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

```
.background{ background-color: rgb(255,  
186, 150) }
```

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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