

Converting Colors

CIELCh(91, 68.603, 38.534)

Have a look what the booklet for
CIELCh(91, 68.603, 38.534) contains.

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Color

CIELCh(81, 34.529, 52.109)

Conversions

Conversions Part 1

Format	Color
Hex	FFB997
RGB	255, 185, 151
RGB Percent	100%, 73%, 59%
CMY	0.0000, 0.2728, 0.4062
CMYK	0.00, 0.27, 0.41, 0.00
HSL	20°, 100%, 80%
HSV	20°, 41%, 100%
XYZ	64.4675, 58.4711, 37.3403
YIQ	202.0540, 52.6340, 4.2660

Conversions

Conversions Part 2

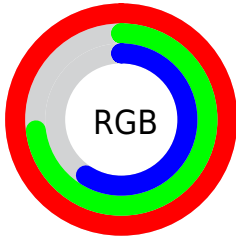
Format	Color
R_{YB}	255, 202, 151
Decimal	16759191
CIE Lab	81.00, 21.21, 27.25
CIE LCh	81, 34.529, 52.109
Yxy	58.4711, 0.4022, 0.3648
Android (android.graphics.Color)	4294949271 (0xFFFFB997)
YUV	202.0540, -25.1696, 46.4336
Hunter-Lab	76.4664, 16.6742, 24.5738

Details

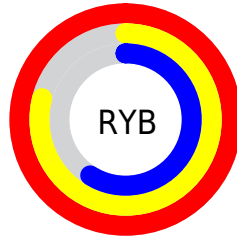
The CIELCh color **81, 34.529, 52.109** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 26.928, 240.370**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 19.120, 92.720**, and **61, 34.385, 52.390** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.452, 51.793**, and if you desaturate by 10%, it is **85, 24.936, 52.849**.

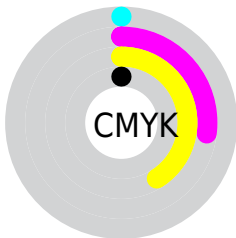
Distribution



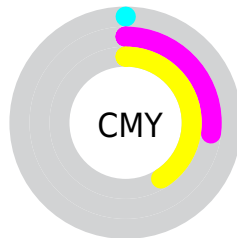
- Red (100%)
- Green (73%)
- Blue (59%)



- Red (100%)
- Yellow (79%)
- 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, 34.529, 52.109 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, 34.529, 52.109 by changing the saturation by 10% instead.

81, 34.529, 52.109

81, 34.529, 52.109

100, 34.529,
52.109

71, 34.529, 52.109

61, 34.529, 52.109

51, 34.529, 52.109

41, 34.529, 52.109

31, 34.529, 52.109

21, 34.529, 52.109

11, 34.529, 52.109

1, 34.529, 52.109

0, 34.529, 52.109

81, 34.529, 52.109

81, 34.529, 52.109

77, 44.452, 51.793

85, 24.936, 52.849

72, 55.147, 51.406

90, 16.172, 53.501

69, 66.236, 51.067

95, 8.028, 54.193

65, 77.204, 50.629

100, 0.450, 53.732

62, 86.942, 49.735

100, 0.012,
296.813

59, 93.782, 48.173

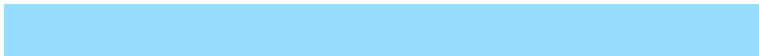
Harmonies

Complementary

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



81, 34.529, 52.109



85, 26.928, 240.370

Rectangle

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



81, 34.529, 52.109



81, 34.529, 102.109



81, 34.529, 232.109



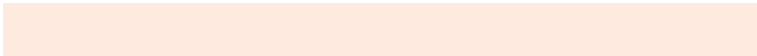
81, 34.529, 282.109

Sweetspot

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



81, 34.360, 52.273



94, 9.114, 54.099



75, 51.888, 338.135



50, 6.074, 54.008



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, 34.360, 52.273



77, 42.769, 51.864



93, 43.594, 96.609



51, 4.279, 54.269



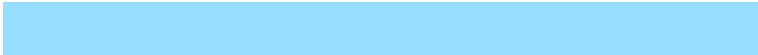
45, 75.055, 48.779



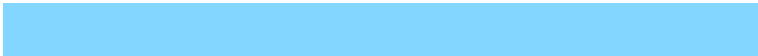
13, 28.197, 46.040

Inverse Universe

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



85, 26.928, 240.370



82, 31.560, 242.193



71, 46.244, 287.684



51, 4.078, 236.007



51, 41.427, 261.363



16, 17.857, 254.156

Previews

White Background



This preview shows how the CIELCh color 81, 34.529, 52.109 looks on a white background.

Color Contrast Check

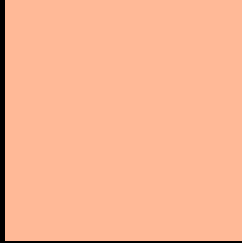
Large Text (above 18pt) WCAG AA × Fail

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, 34.529, 52.109 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, 34.529, 52.109

Background



This preview shows how black text looks on a background with the CIELCh color 81, 34.529, 52.109.



This preview shows how white text looks on a background with the CIELCh color 81, 34.529, 52.109.

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, 34.529, 52.109

Protanopia

81, 23.264, 95.273

Deuteranopia

81, 29.581, 69.609



Tritanopia
81, 28.939, 8.336

Trichromacy



Original Color
81, 34.529, 52.109

Protanomaly
81, 24.954, 74.922

Deuteranomaly
81, 30.684, 62.160

Tritanomaly
81, 28.425, 25.917

Monochromacy



Original Color
81, 34.529, 52.109

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 11.520, 53.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 34.529, 52.109 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, 185, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 151)  
}
```

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, 185, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 34.529, 52.109 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, 185, 151) }
```

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

```
.border{ border-color:rgb(255, 185, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 34.529, 52.109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 151) }
```

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

```
.background{ background-color: rgb(255,  
185, 151) }
```

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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