

Converting Colors

CIELCh(81, 33.810, 51.528)

Have a look what the booklet for
CIELCh(81, 33.810, 51.528) contains.

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Color

CIELCh(81, 33.790, 51.794)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA99
RGB	255, 186, 153
RGB Percent	100%, 73%, 60%
CMY	0.0013, 0.2718, 0.4012
CMYK	0.00, 0.27, 0.40, 0.00
HSL	19°, 99%, 80%
HSV	19°, 40%, 100%
XYZ	64.3322, 58.4711, 37.9014
YIQ	202.8690, 51.7170, 4.3650

Conversions

Conversions Part 2

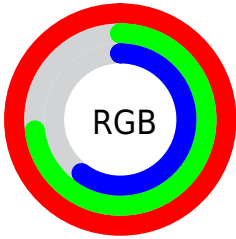
Format	Color
RYB	255, 202, 153
Decimal	16759449
CIELab	81.00, 20.90, 26.55
CIElCh	81, 33.790, 51.794
Yxy	58.4711, 0.4003, 0.3638
Android (android.graphics.Color)	4294949529 (0xFFFFBA99)
YUV	202.8690, -24.5854, 45.7189
Hunter-Lab	76.4664, 16.3583, 24.1388

Details

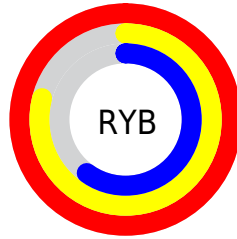
The CIELCh color **81, 33.790, 51.794** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 26.513, 239.566**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 18.017, 93.117**, and **61, 33.574, 52.083** is the 20% darker color. If you saturate the color by 10%, you get **77, 43.854, 51.345**, and if you desaturate by 10%, it is **86, 24.397, 52.353**.

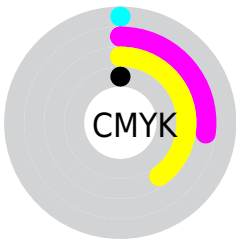
Distribution



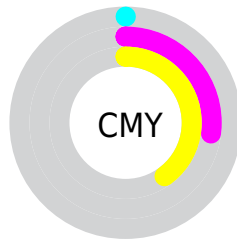
- Red (100%)
- Green (73%)
- Blue (60%)



- Red (100%)
- Yellow (79%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 33.790, 51.794 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, 33.790, 51.794 by changing the saturation by 10% instead.

81, 33.790, 51.794

81, 33.790, 51.794

100, 33.790,
51.794

71, 33.790, 51.794

61, 33.790, 51.794

51, 33.790, 51.794

41, 33.790, 51.794

31, 33.790, 51.794

21, 33.790, 51.794

11, 33.790, 51.794

1, 33.790, 51.794

0, 33.790, 51.794

81, 33.790, 51.794

81, 33.790, 51.794

77, 43.854, 51.345

86, 24.397, 52.353

72, 54.534, 50.989

90, 15.669, 52.984

69, 65.633, 50.691

95, 7.563, 53.654

65, 76.662, 50.314

100, 0.024, 29.503

62, 86.555, 49.513

100, 0.118,
205.016

59, 93.934, 47.928

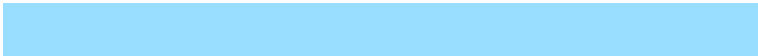
Harmonies

Complementary

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



81, 33.790, 51.794



85, 26.513, 239.566

Rectangle

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



81, 33.790, 51.794



81, 33.790, 101.794



81, 33.790, 231.794



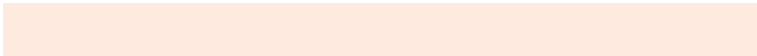
81, 33.790, 281.794

Sweetspot

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



81, 33.789, 51.800



94, 9.117, 53.524



76, 51.116, 338.082



50, 6.076, 53.436



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, 33.789, 51.800



78, 41.795, 51.429



93, 42.927, 96.681



51, 4.280, 53.689



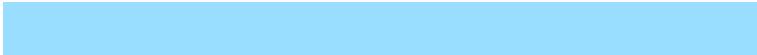
45, 75.253, 48.526



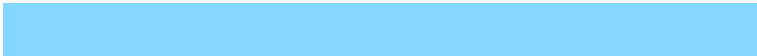
13, 28.255, 45.654

Inverse Universe

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



85, 26.513, 239.566



82, 30.955, 241.246



72, 45.481, 287.561



51, 4.076, 235.391



51, 41.076, 260.525



16, 17.746, 253.339

Previews

White Background



This preview shows how the CIELCh color 81, 33.790, 51.794 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, 33.790, 51.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

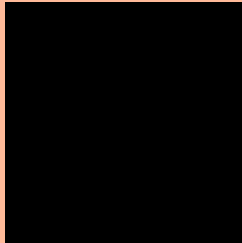
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 33.790, 51.794

Background



This preview shows how black text looks on a background with the CIELCh color 81, 33.790, 51.794.



This preview shows how white text looks on a background with the CIELCh color 81, 33.790, 51.794.

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, 33.790, 51.794

Protanopia

81, 22.240, 94.809

Deuteranopia

81, 28.878, 69.669



Tritanopia
81, 28.470, 9.139

Trichromacy



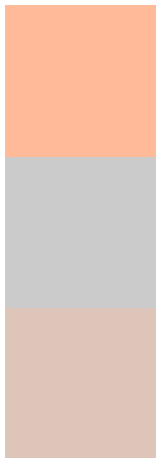
Original Color
81, 33.790, 51.794

Protanomaly
81, 24.502, 74.331

Deuteranomaly
81, 29.978, 62.038

Tritanomaly
81, 28.425, 25.917

Monochromacy



Original Color
81, 33.790, 51.794

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 11.507, 53.302

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 33.790, 51.794 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 33.790, 51.794 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, 153) }
```

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

```
.border{ border-color:rgb(255, 186, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 33.790, 51.794 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
186, 153) }
```

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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