

Converting Colors

CIELCh(81, 43.044, 64.012)

Have a look what the booklet for
CIELCh(81, 43.044, 64.012) contains.

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Color

CIELCh(81, 42.443, 64.789)

Conversions

Conversions Part 1

Format	Color
Hex	FFBB82
RGB	255, 187, 130
RGB Percent	100%, 73%, 51%
CMY	0.0000, 0.2663, 0.4899
CMYK	0.00, 0.27, 0.49, 0.00
HSL	27°, 100%, 76%
HSV	27°, 49%, 100%
XYZ	63.1004, 58.4711, 29.1095
YIQ	200.8340, 58.8250, -3.3110

Conversions

Conversions Part 2

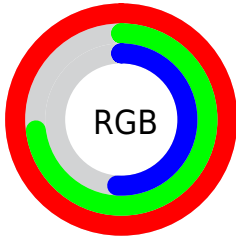
Format	Color
R _Y B	255, 235, 130
Decimal	16759682
CIE Lab	81.00, 18.08, 38.40
CIE LCh	81, 42.443, 64.789
Yxy	58.4711, 0.4188, 0.3880
Android (android.graphics.Color)	4294949762 (0xFFFFBB82)
YUV	200.8340, -34.9212, 47.5036
Hunter-Lab	76.4664, 13.4828, 30.9557

Details

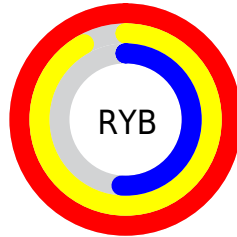
The CIELCh color **81, 42.443, 64.789** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77, 35.204, 259.669**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 30.339, 99.014**, and **61, 42.820, 65.032** is the 20% darker color. If you saturate the color by 10%, you get **77, 52.370, 63.675**, and if you desaturate by 10%, it is **85, 32.843, 65.985**.

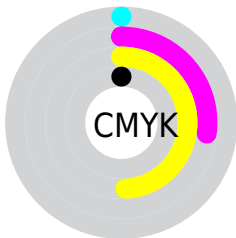
Distribution



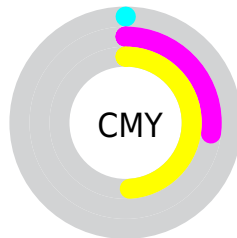
- Red (100%)
- Green (73%)
- Blue (51%)



- Red (100%)
- Yellow (92%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 42.443, 64.789 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, 42.443, 64.789 by changing the saturation by 10% instead.

 81, 42.443, 64.789

 81, 42.443, 64.789

 100, 42.443,
64.789

 71, 42.443, 64.789

 61, 42.443, 64.789

 51, 42.443, 64.789

 41, 42.443, 64.789

 31, 42.443, 64.789

 21, 42.443, 64.789

 11, 42.443, 64.789

 1, 42.443, 64.789

 0, 42.443, 64.789

81, 42.443, 64.789

81, 42.443, 64.789

77, 52.370, 63.675

85, 32.843, 65.985

74, 62.494, 62.463

88, 23.743, 67.144

71, 72.286, 61.071

92, 15.124, 68.305

68, 80.781, 59.228

96, 6.964, 69.440

65, 86.828, 56.600

100, 0.012,
296.813

65, 87.393, 56.336

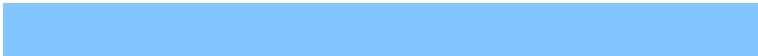
Harmonies

Complementary

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



81, 42.443, 64.789



77, 35.204, 259.669

Rectangle

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



81, 42.443, 64.789



81, 42.443, 114.789



81, 42.443, 244.789



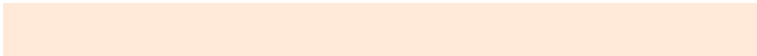
81, 42.443, 294.789

Sweetspot

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



81, 42.412, 64.832



94, 11.819, 68.764



70, 56.929, 345.963



49, 8.110, 68.522



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, 42.412, 64.832



77, 52.385, 63.673



96, 58.694, 103.128



51, 4.413, 69.383



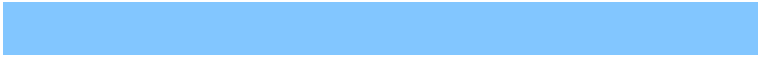
49, 70.062, 57.044



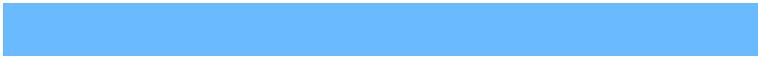
15, 27.113, 57.524

Inverse Universe

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



77, 35.204, 259.669



73, 41.735, 262.749



61, 66.480, 295.541



51, 4.286, 251.810



44, 53.365, 279.568



13, 21.942, 272.689

Previews

White Background



This preview shows how the CIELCh color 81, 42.443, 64.789 looks on a white background.

Color Contrast Check

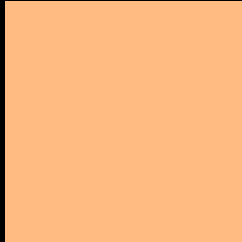
Large Text (above 18pt) WCAG AA × Fail

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, 42.443, 64.789 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, 42.443, 64.789

Background



This preview shows how black text looks on a background with the CIELCh color 81, 42.443, 64.789.




This preview shows how white text looks on a background with the CIELCh color 81, 42.443, 64.789.

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



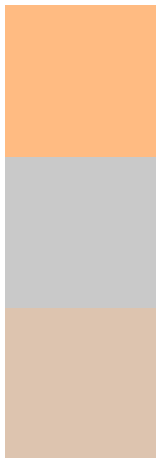
Original Color
81, 42.443, 64.789

Protanomaly
81, 35.957, 83.277

Deuteranomaly
81, 40.920, 71.900

Tritanomaly
81, 29.323, 34.952

Monochromacy



Original Color
81, 42.443, 64.789

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 14.833, 68.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 42.443, 64.789 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, 187, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 130)  
}
```

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, 187, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 42.443, 64.789 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, 187, 130) }
```

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

```
.border{ border-color:rgb(255, 187, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 187, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 187, 130); box-shadow:4px 4px 4px 4px rgb(255, 187, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 42.443, 64.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 130) }
```

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

```
.background{ background-color: rgb(255,  
187, 130) }
```

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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