

Converting Colors

CIELCh(81, 26.540, 52.317)

Have a look what the booklet for
CIELCh(81, 26.540, 52.317) contains.

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Color

CIELCh(81, 26.367, 51.888)

Conversions

Conversions Part 1

Format	Color
Hex	F4BDA3
RGB	244, 189, 163
RGB Percent	96%, 74%, 64%
CMY	0.0419, 0.2576, 0.3596
CMYK	0.00, 0.23, 0.33, 0.04
HSL	19°, 79%, 80%
HSV	19°, 33%, 96%
XYZ	62.3203, 58.4711, 42.7902
YIQ	202.4810, 41.1260, 3.5740

Conversions

Conversions Part 2

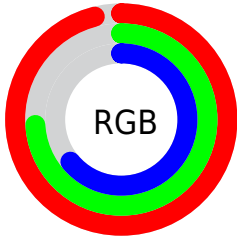
Format	Color
R _Y B	244, 201, 163
Decimal	16039331
CIE Lab	81.00, 16.27, 20.75
CIE LCh	81, 26.367, 51.888
Yxy	58.4711, 0.3810, 0.3574
Android (android.graphics.Color)	4294229411 (0xFFF4BDA3)
YUV	202.4810, -19.4641, 36.4122
Hunter-Lab	76.4664, 11.6617, 20.3481

Details

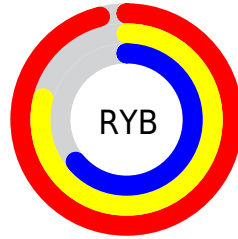
The CIELCh color **81, 26.367, 51.888** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 21.682, 237.972**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.231, 94.062**, and **61, 26.263, 52.849** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.657, 51.387**, and if you desaturate by 10%, it is **86, 17.726, 52.490**.

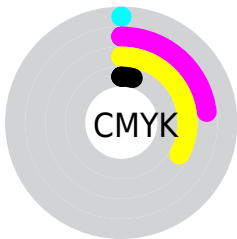
Distribution



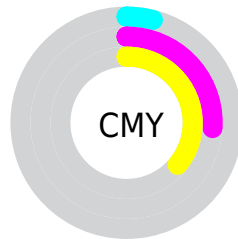
- Red (96%)
- Green (74%)
- Blue (64%)



- Red (96%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (26%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 26.367, 51.888 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, 26.367, 51.888 by changing the saturation by 10% instead.

 81, 26.367, 51.888

 81, 26.367, 51.888

 100, 26.367,
51.888

 71, 26.367, 51.888

 61, 26.367, 51.888

 51, 26.367, 51.888

 41, 26.367, 51.888

 31, 26.367, 51.888

 21, 26.367, 51.888

 11, 26.367, 51.888

 1, 26.367, 51.888

 0, 26.367, 51.888

81, 26.367, 51.888

81, 26.367, 51.888

77, 35.657, 51.387

86, 17.726, 52.490

72, 45.592, 50.981

90, 9.703, 53.142

68, 56.085, 50.671

95, 2.246, 53.676

65, 66.885, 50.395

99, 3.689, 199.351

62, 77.389, 49.968

59, 86.351, 48.966

57, 91.085, 47.874

Harmonies

Complementary

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



81, 26.367, 51.888



84, 21.682, 237.972

Rectangle

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



81, 26.367, 51.888



81, 26.367, 101.888



81, 26.367, 231.888



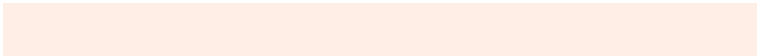
81, 26.367, 281.888

Sweetspot

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



81, 26.366, 51.895



95, 7.543, 53.347



76, 41.150, 337.470



50, 5.173, 53.256



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, 26.366, 51.895



81, 33.810, 51.532



91, 34.427, 97.524



49, 4.139, 53.382



44, 73.806, 48.458



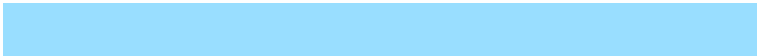
12, 25.822, 44.458

Inverse Universe

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



84, 21.682, 237.972



85, 26.495, 239.191



74, 36.002, 286.195



49, 3.942, 235.059



50, 40.036, 259.966



15, 16.649, 252.047

Previews

White Background



This preview shows how the CIELCh color 81, 26.367, 51.888 looks on a white background.

Color Contrast Check

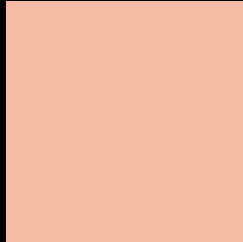
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 26.367, 51.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

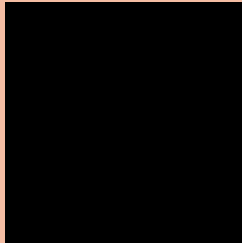
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 26.367, 51.888

Background



This preview shows how black text looks on a background with the CIELCh color 81, 26.367, 51.888.

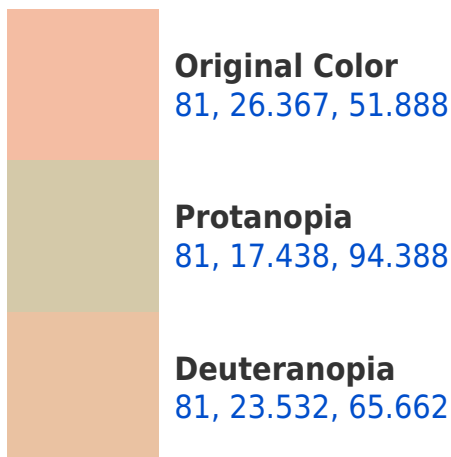


This preview shows how white text looks on a background with the CIELCh color 81, 26.367, 51.888.

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](#).

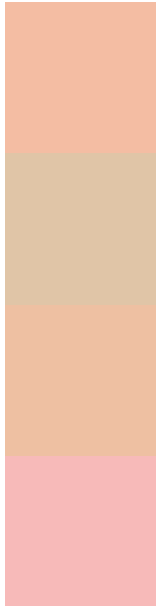
Dichromacy





Tritanopia
81, 25.216, 4.633

Trichromacy



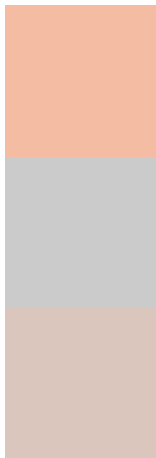
Original Color
81, 26.367, 51.888

Protanomaly
81, 19.212, 74.968

Deuteranomaly
81, 24.629, 60.092

Tritanomaly
81, 23.672, 22.587

Monochromacy



Original Color
81, 26.367, 51.888

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 8.951, 51.870

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 26.367, 51.888 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(244, 189, 163)` looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 163)  
}
```

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(244, 189, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 26.367, 51.888 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(244, 189, 163) }
```

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

```
.border{ border-color:rgb(244, 189, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 189, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 163);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 26.367, 51.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 163) }
```

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

```
.background{ background-color: rgb(244,  
189, 163) }
```

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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