

Converting Colors

CIELCh(81, 34.383, 84.695)

Have a look what the booklet for
CIELCh(81, 34.383, 84.695) contains.

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Color

CIELCh(81, 34.425, 84.643)

Conversions

Conversions Part 1

Format	Color
Hex	E5C589
RGB	229, 197, 137
RGB Percent	90%, 77%, 54%
CMY	0.1015, 0.2270, 0.4623
CMYK	0.00, 0.14, 0.40, 0.10
HSL	39°, 64%, 72%
HSV	39°, 40%, 90%
XYZ	56.8665, 58.4711, 31.9963
YIQ	199.7280, 38.3320, -11.8760

Conversions

Conversions Part 2

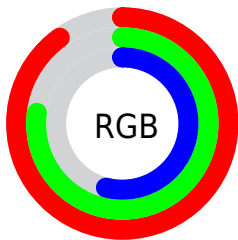
Format	Color
R _Y B	186, 229, 137
Decimal	15058313
CIE Lab	81.00, 3.21, 34.27
CIE LCh	81, 34.425, 84.643
Yxy	58.4711, 0.3860, 0.3969
Android (android.graphics.Color)	4293248393 (0xFFE5C589)
YUV	199.7280, -30.9249, 25.6715
Hunter-Lab	76.4664, -1.0693, 28.7174

Details

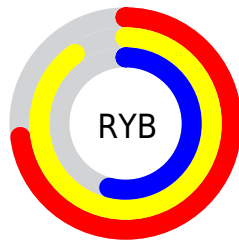
The CIELCh color **81, 34.425, 84.643** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69, 33.916, 276.809**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 31.740, 107.067**, and **61, 34.418, 84.274** is the 20% darker color. If you saturate the color by 10%, you get **79, 43.313, 83.226**, and if you desaturate by 10%, it is **83, 25.599, 86.026**.

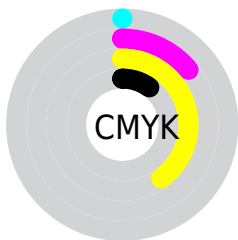
Distribution



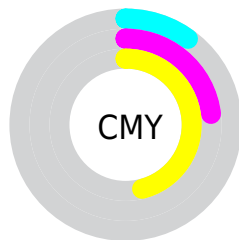
- Red (90%)
- Green (77%)
- Blue (54%)



- Red (73%)
- Yellow (90%)
- Blue (54%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (10%)



- Cyan (10%)
- Magenta (23%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 34.425, 84.643 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, 34.425, 84.643 by changing the saturation by 10% instead.

 81, 34.425, 84.643

 81, 34.425, 84.643

 100, 34.425,
84.643

 71, 34.425, 84.643

 61, 34.425, 84.643

 51, 34.425, 84.643

 41, 34.425, 84.643

 31, 34.425, 84.643

 21, 34.425, 84.643

 11, 34.425, 84.643

 1, 34.425, 84.643

 0, 34.425, 84.643

81, 34.425, 84.643

81, 34.425, 84.643

79, 43.313, 83.226

83, 25.599, 86.026

76, 52.085, 81.746

86, 16.919, 87.362

74, 60.404, 80.171

88, 8.423, 88.645

72, 67.685, 78.417

91, 0.120, 87.617

70, 73.068, 76.327

94, 7.994, 271.174

68, 76.082, 73.825

96, 7.378, 243.758

98, 8.145, 206.567

98, 8.813, 198.924

Harmonies

Complementary

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



81, 34.425, 84.643



69, 33.916, 276.809

Rectangle

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



81, 34.425, 84.643



81, 34.425, 134.643



81, 34.425, 264.643



81, 34.425, 314.643

Sweetspot

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



81, 34.426, 84.648



97, 10.879, 88.405



68, 39.114, 357.337



51, 7.228, 88.239



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, 34.426, 84.648



87, 45.158, 83.496



88, 47.025, 113.066



47, 4.712, 88.732



54, 63.124, 74.360



14, 21.902, 77.067

Inverse Universe

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



69, 33.916, 276.809



71, 44.491, 278.798



62, 51.933, 300.064



45, 4.703, 271.236



31, 72.931, 295.678



6, 25.019, 287.072

Previews

White Background



This preview shows how the CIELCh color 81, 34.425, 84.643 looks on a white background.

Color Contrast Check

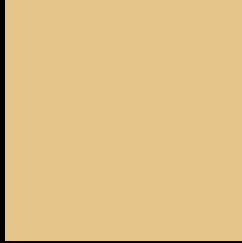
Large Text (above 18pt) WCAG AA × Fail

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, 34.425, 84.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

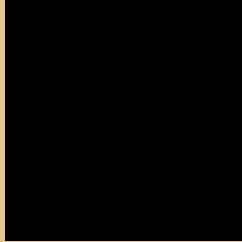
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 34.425, 84.643

Background



This preview shows how black text looks on a background with the CIELCh color 81, 34.425, 84.643.



This preview shows how white text looks on a background with the CIELCh color 81, 34.425, 84.643.

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](#).

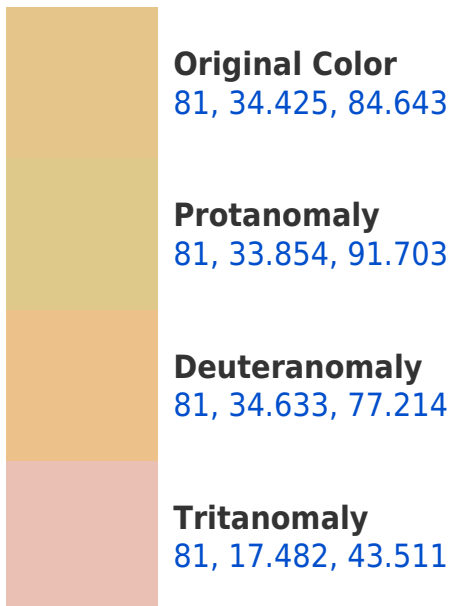
Dichromacy





Tritanopia
81, 19.002, 358.137

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 34.425, 84.643 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(229, 197, 137)` looks like.

```
.text, #text, p{  
    color:rgb(229, 197, 137)  
}
```

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(229, 197, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 197, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 34.425, 84.643 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(229, 197, 137) }
```

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

```
.border{ border-color:rgb(229, 197, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 197, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 197, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 197, 137);  
box-shadow:4px 4px 4px 4px rgb(229, 197,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 34.425, 84.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 197, 137) }
```

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

```
.background{ background-color: rgb(229,  
197, 137) }
```

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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