

Converting Colors

CIELCh(81, 37.243, 88.131)

Have a look what the booklet for
CIELCh(81, 37.243, 88.131) contains.

CIELCh(81, 37.321, 88.070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 37.321, 88.070)

Conversions

Conversions Part 1

Format	Color
Hex	E3C683
RGB	227, 198, 131
RGB Percent	89%, 78%, 51%
CMY	0.1091, 0.2228, 0.4856
CMYK	0.00, 0.13, 0.42, 0.11
HSL	42°, 63%, 70%
HSV	42°, 42%, 89%
XYZ	56.0777, 58.4711, 29.8617
YIQ	199.0330, 38.7910, -14.6890

Conversions

Conversions Part 2

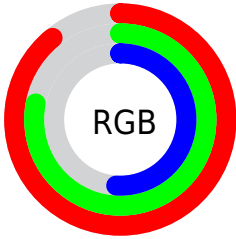
Format	Color
R _Y B	173, 227, 131
Decimal	14927491
CIE Lab	81.00, 1.26, 37.30
CIE LCh	81, 37.321, 88.070
Yxy	58.4711, 0.3883, 0.4049
Android (android.graphics.Color)	4293117571 (0xFFE3C683)
YUV	199.0330, -33.5403, 24.5271
Hunter-Lab	76.4664, -2.9106, 30.3725

Details

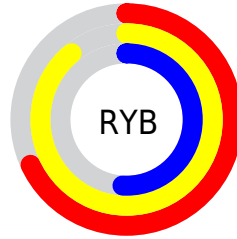
The CIELCh color **81, 37.321, 88.070** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66, 37.704, 280.696**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 35.183, 107.497**, and **61, 37.368, 87.761** is the 20% darker color. If you saturate the color by 10%, you get **79, 46.262, 86.679**, and if you desaturate by 10%, it is **83, 28.327, 89.429**.

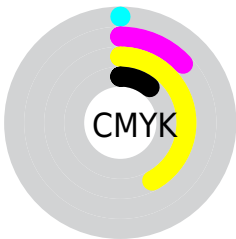
Distribution



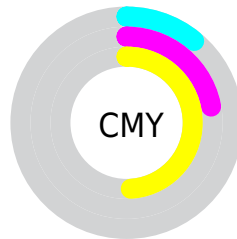
- Red (89%)
- Green (78%)
- Blue (51%)



- Red (68%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (42%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 37.321, 88.070 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, 37.321, 88.070 by changing the saturation by 10% instead.

81, 37.321, 88.070

81, 37.321, 88.070

100, 37.321,
88.070

71, 37.321, 88.070

61, 37.321, 88.070

51, 37.321, 88.070

41, 37.321, 88.070

31, 37.321, 88.070

21, 37.321, 88.070

11, 37.321, 88.070

1, 37.321, 88.070

0, 37.321, 88.070

81, 37.321, 88.070

81, 37.321, 88.070

79, 46.262, 86.679

83, 28.327, 89.429

77, 54.920, 85.230

85, 19.396, 90.745

75, 62.892, 83.693

88, 10.588, 92.013

73, 69.525, 81.993

90, 1.929, 93.146

71, 73.970, 79.996

92, 6.575, 274.495

70, 75.841, 78.209

94, 8.972, 263.399

96, 7.796, 234.507

98, 8.833, 205.325

98, 9.454, 198.878

Harmonies

Complementary

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



81, 37.321, 88.070



66, 37.704, 280.696

Rectangle

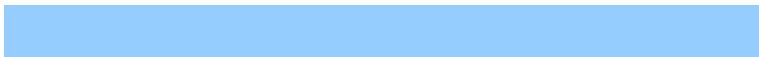
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 37.321, 88.070



81, 37.321, 138.070



81, 37.321, 268.070



81, 37.321, 318.070

Sweetspot

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



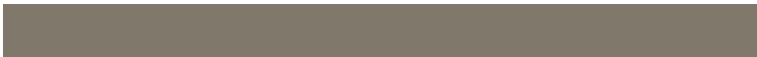
81, 37.322, 88.074



97, 12.336, 91.912



66, 40.441, 0.036



51, 8.650, 91.633



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, 37.322, 88.074



88, 49.576, 86.812



87, 49.212, 114.391



47, 4.930, 92.357



56, 63.372, 78.658



15, 22.542, 81.605

Inverse Universe

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



66, 37.704, 280.696



68, 50.481, 282.931



60, 54.552, 301.335



45, 4.945, 274.792



29, 78.324, 298.165



5, 26.404, 289.132

Previews

White Background



This preview shows how the CIELCh color 81, 37.321, 88.070 looks on a white background.

Color Contrast Check

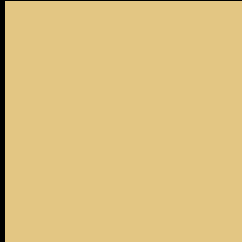
Large Text (above 18pt) WCAG AA × Fail

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, 37.321, 88.070 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, 37.321, 88.070

Background



This preview shows how black text looks on a background with the CIELCh color 81, 37.321, 88.070.



This preview shows how white text looks on a background with the CIELCh color 81, 37.321, 88.070.

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, 37.321, 88.070

Protanopia

81, 36.905, 95.253

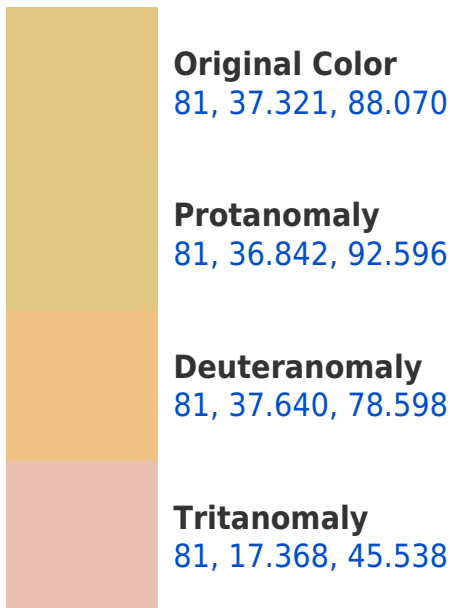
Deuteranopia

81, 38.441, 74.176



Tritanopia
81, 18.842, 356.145

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 37.321, 88.070 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(227, 198, 131)` looks like.

```
.text, #text, p{  
    color:rgb(227, 198, 131)  
}
```

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(227, 198, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 198, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 37.321, 88.070 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(227, 198, 131) }
```

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

```
.border{ border-color:rgb(227, 198, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 198, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 198, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 198, 131);  
box-shadow:4px 4px 4px 4px rgb(227, 198,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 37.321, 88.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 198, 131) }
```

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

```
.background{ background-color: rgb(227,  
198, 131) }
```

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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