

Converting Colors

CIELCh(81, 37.859, 88.299)

Have a look what the booklet for
CIELCh(81, 37.859, 88.299) contains.

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Color

CIELCh(81, 37.810, 88.253)

Conversions

Conversions Part 1

Format	Color
Hex	E3C682
RGB	227, 198, 130
RGB Percent	89%, 78%, 51%
CMY	0.1089, 0.2227, 0.4894
CMYK	0.00, 0.13, 0.43, 0.11
HSL	42°, 64%, 70%
HSV	42°, 43%, 89%
XYZ	56.0359, 58.4711, 29.5234
YIQ	198.9190, 39.1120, -15.0000

Conversions

Conversions Part 2

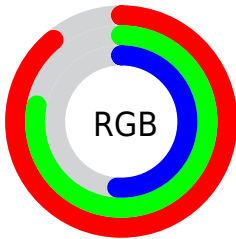
Format	Color
RYB	171, 227, 130
Decimal	14927490
CIELab	81.00, 1.15, 37.79
CIElCh	81, 37.810, 88.253
Yxy	58.4711, 0.3891, 0.4060
Android (android.graphics.Color)	4293117570 (0xFFE3C682)
YUV	198.9190, -33.9771, 24.6270
Hunter-Lab	76.4664, -3.0082, 30.6349

Details

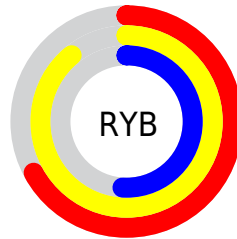
The CIELCh color $81, 37.810, 88.253$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $66, 38.271, 281.014$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 35.677, 107.459$, and $61, 37.868, 87.926$ is the 20% darker color. If you saturate the color by 10%, you get $79, 46.755, 86.863$, and if you desaturate by 10%, it is $83, 28.798, 89.611$.

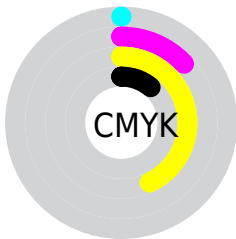
Distribution



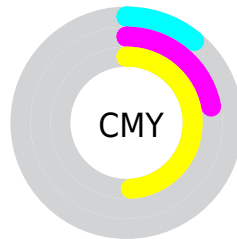
- Red (89%)
- Green (78%)
- Blue (51%)



- Red (67%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (43%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 37.810, 88.253 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, 37.810, 88.253 by changing the saturation by 10% instead.

81, 37.810, 88.253

81, 37.810, 88.253

100, 37.810,
88.253

71, 37.810, 88.253

61, 37.810, 88.253

51, 37.810, 88.253

41, 37.810, 88.253

31, 37.810, 88.253

21, 37.810, 88.253

11, 37.810, 88.253

1, 37.810, 88.253

0, 37.810, 88.253

81, 37.810, 88.253

81, 37.810, 88.253

79, 46.755, 86.863

83, 28.798, 89.611

77, 55.396, 85.415

85, 19.842, 90.926

75, 63.320, 83.879

87, 11.003, 92.194

73, 69.859, 82.179

90, 2.309, 93.347

72, 74.167, 80.180

92, 6.231, 274.676

70, 75.887, 78.504

94, 9.085, 264.783

96, 7.794, 236.624

97, 8.673, 207.211

98, 9.440, 198.879

Harmonies

Complementary

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



81, 37.810, 88.253



66, 38.271, 281.014

Rectangle

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



81, 37.810, 88.253



81, 37.810, 138.253



81, 37.810, 268.253



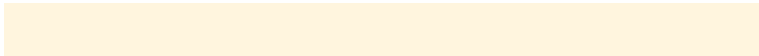
81, 37.810, 318.253

Sweetspot

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



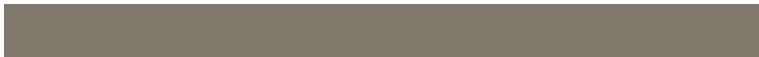
81, 37.811, 88.257



97, 12.374, 92.147



66, 40.667, 1.313



51, 8.676, 91.869



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, 37.811, 88.257



88, 49.686, 87.057



87, 49.803, 115.092



47, 4.946, 92.591



56, 63.404, 78.948



15, 22.591, 81.903

Inverse Universe

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



66, 38.271, 281.014



68, 50.697, 283.144



60, 55.195, 301.890



45, 4.962, 275.021



29, 78.685, 298.319



5, 26.494, 289.256

Previews

White Background



This preview shows how the CIELCh color 81, 37.810, 88.253 looks on a white background.

Color Contrast Check

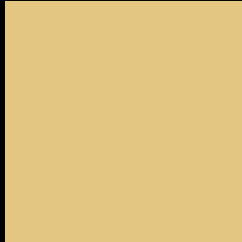
Large Text (above 18pt) WCAG AA × Fail

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, 37.810, 88.253 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, 37.810, 88.253

Background



This preview shows how black text looks on a background with the CIELCh color 81, 37.810, 88.253.



This preview shows how white text looks on a background with the CIELCh color 81, 37.810, 88.253.

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](#).

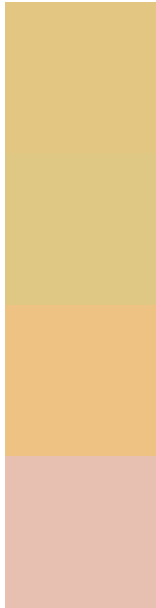
Dichromacy





Tritanopia
81, 18.842, 356.145

Trichromacy



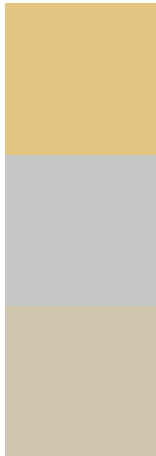
Original Color
81, 37.810, 88.253

Protanomaly
81, 37.339, 92.726

Deuteranomaly
81, 38.105, 78.893

Tritanomaly
81, 17.634, 47.017

Monochromacy



Original Color
81, 37.810, 88.253

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 13.785, 92.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 37.810, 88.253 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 198, 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(227, 198, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 198, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 37.810, 88.253 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, 130) }
```

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

```
.border{ border-color:rgb(227, 198, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 198, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 198, 130); box-shadow:4px 4px 4px 4px rgb(227, 198, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 37.810, 88.253 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, 130) }
```

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

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