

Converting Colors

CIELCh(81, 37.989, 97.601)

Have a look what the booklet for
CIELCh(81, 37.989, 97.601) contains.

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Color

CIELCh(81, 38.129, 97.394)

Conversions

Conversions Part 1

Format	Color
Hex	D9CA82
RGB	217, 202, 130
RGB Percent	85%, 79%, 51%
CMY	0.1499, 0.2086, 0.4909
CMYK	0.00, 0.07, 0.40, 0.15
HSL	50°, 53%, 68%
HSV	50°, 40%, 85%
XYZ	53.6412, 58.4711, 29.5100
YIQ	198.2770, 32.0520, -19.2120

Conversions

Conversions Part 2

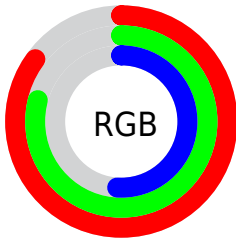
Format	Color
RYB	148, 217, 130
Decimal	14273154
CIELab	81.00, -4.91, 37.81
CIELCh	81, 38.129, 97.394
Yxy	58.4711, 0.3788, 0.4129
Android (android.graphics.Color)	4292463234 (0xFFD9CA82)
YUV	198.2770, -33.6606, 16.4201
Hunter-Lab	76.4664, -8.5984, 30.6452

Details

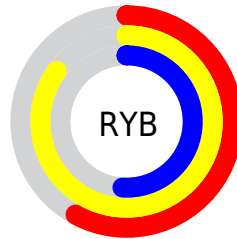
The CIELCh color **81, 38.129, 97.394** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 40.524, 288.087**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 35.677, 107.459**, and **61, 38.215, 97.087** is the 20% darker color. If you saturate the color by 10%, you get **80, 47.347, 96.204**, and if you desaturate by 10%, it is **82, 28.680, 98.582**.

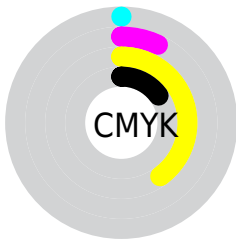
Distribution



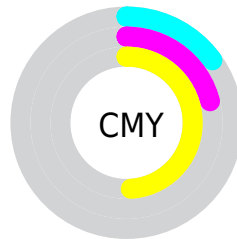
- Red (85%)
- Green (79%)
- Blue (51%)



- Red (58%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (40%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 38.129, 97.394 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, 38.129, 97.394 by changing the saturation by 10% instead.

 81, 38.129, 97.394

 81, 38.129, 97.394

 100, 38.129,
97.394

 71, 38.129, 97.394

 61, 38.129, 97.394

 51, 38.129, 97.394

 41, 38.129, 97.394

 31, 38.129, 97.394

 21, 38.129, 97.394

 11, 38.129, 97.394

 1, 38.129, 97.394

 0, 38.129, 97.394

81, 38.129, 97.394

81, 38.129, 97.394

80, 47.347, 96.204

82, 28.680, 98.582

79, 56.082, 95.010

84, 19.143, 99.747

77, 63.939, 93.817

85, 9.602, 100.881

76, 70.334, 92.617

87, 0.105, 100.569

75, 74.580, 91.380

88, 9.322, 283.090

74, 76.537, 90.087

90, 16.161,
282.638

91, 14.448,
276.322

91, 12.952,
268.479

92, 11.755,
258.877

Harmonies

Complementary

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



81, 38.129, 97.394



62, 40.524, 288.087

Rectangle

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



81, 38.129, 97.394



81, 38.129, 147.394



81, 38.129, 277.394



81, 38.129, 327.394

Sweetspot

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



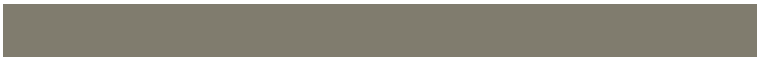
81, 38.130, 97.398



98, 12.996, 100.659



64, 35.881, 9.500



52, 8.624, 100.511



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, 38.130, 97.398



92, 51.798, 96.405



83, 46.052, 120.167



45, 5.435, 100.957



61, 64.879, 90.306



15, 22.357, 93.233

Inverse Universe

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



62, 40.524, 288.087



66, 56.129, 289.883



60, 50.021, 305.232



43, 5.508, 283.139



24, 89.835, 303.176



3, 26.099, 290.882

Previews

White Background



This preview shows how the CIELCh color 81, 38.129, 97.394 looks on a white background.

Color Contrast Check

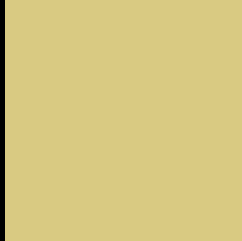
Large Text (above 18pt) WCAG AA × Fail

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, 38.129, 97.394 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, 38.129, 97.394

Background



This preview shows how black text looks on a background with the CIELCh color 81, 38.129, 97.394.

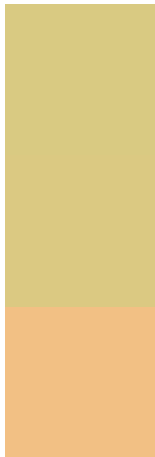


This preview shows how white text looks on a background with the CIELCh color 81, 38.129, 97.394.

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, 38.129, 97.394

Protanopia

81, 37.904, 95.443

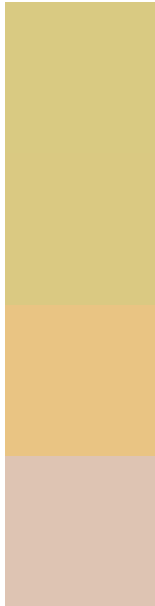
Deuteranopia

81, 38.441, 74.176



Tritanopia
81, 14.535, 347.462

Trichromacy



Original Color
81, 38.129, 97.394

Protanomaly
81, 37.817, 96.061

Deuteranomaly
81, 37.763, 82.855

Tritanomaly
81, 13.544, 61.365

Monochromacy



Original Color
81, 38.129, 97.394

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 13.957, 99.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 38.129, 97.394 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(217, 202, 130)` looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 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(217, 202, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 38.129, 97.394 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(217, 202, 130) }
```

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

```
.border{ border-color:rgb(217, 202, 130) }
```

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

Here you see how a box with a 4 pixel rgb(217, 202, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 202, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 202, 130);  
box-shadow:4px 4px 4px 4px rgb(217, 202,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 38.129, 97.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 130) }
```

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

```
.background{ background-color: rgb(217,  
202, 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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