

Converting Colors

CIELCh(81, 36.105, 88.936)

Have a look what the booklet for
CIELCh(81, 36.105, 88.936) contains.

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Color

CIELCh(81, 36.512, 89.138)

Conversions

Conversions Part 1

Format	Color
Hex	E2C785
RGB	226, 199, 133
RGB Percent	89%, 78%, 52%
CMY	0.1152, 0.2210, 0.4798
CMYK	0.00, 0.12, 0.41, 0.12
HSL	43°, 61%, 70%
HSV	43°, 41%, 88%
XYZ	55.7943, 58.4711, 30.4110
YIQ	199.5490, 37.2780, -14.8020

Conversions

Conversions Part 2

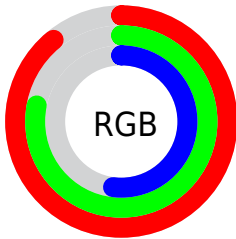
Format	Color
RYB	171, 226, 133
Decimal	14862213
CIELab	81.00, 0.55, 36.51
CIElCh	81, 36.512, 89.138
Yxy	58.4711, 0.3856, 0.4042
Android (android.graphics.Color)	4293052293 (0xFFE2C785)
YUV	199.5490, -32.8087, 23.1975
Hunter-Lab	76.4664, -3.5722, 29.9466

Details

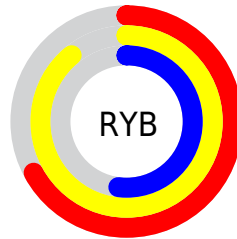
The CIELCh color **81, 36.512, 89.138** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66, 37.079, 281.276**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 34.195, 107.573**, and **61, 36.520, 88.963** is the 20% darker color. If you saturate the color by 10%, you get **79, 45.458, 87.765**, and if you desaturate by 10%, it is **83, 27.508, 90.482**.

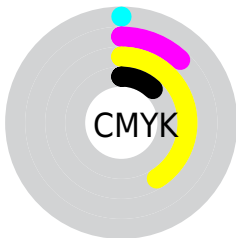
Distribution



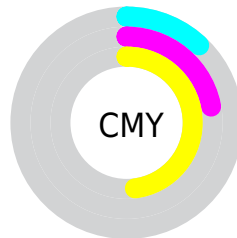
- Red (89%)
- Green (78%)
- Blue (52%)



- Red (67%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (41%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 36.512, 89.138 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, 36.512, 89.138 by changing the saturation by 10% instead.

 81, 36.512, 89.138

 81, 36.512, 89.138

 100, 36.512,
89.138

 71, 36.512, 89.138

 61, 36.512, 89.138

 51, 36.512, 89.138

 41, 36.512, 89.138

 31, 36.512, 89.138

 21, 36.512, 89.138

 11, 36.512, 89.138

 1, 36.512, 89.138

 0, 36.512, 89.138

81, 36.512, 89.138

81, 36.512, 89.138

79, 45.458, 87.765

83, 27.508, 90.482

77, 54.126, 86.340

85, 18.560, 91.782

75, 62.132, 84.838

87, 9.724, 93.035

74, 68.853, 83.196

89, 1.026, 94.053

72, 73.464, 81.295

92, 7.525, 275.483

70, 75.597, 79.350

94, 9.654, 265.288

95, 8.276, 240.032

97, 8.808, 212.354

98, 9.969, 198.842

Harmonies

Complementary

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



81, 36.512, 89.138



66, 37.079, 281.276

Rectangle

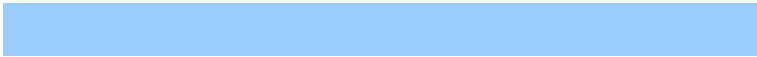
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 36.512, 89.138



81, 36.512, 139.138



81, 36.512, 269.138



81, 36.512, 319.138

Sweetspot

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



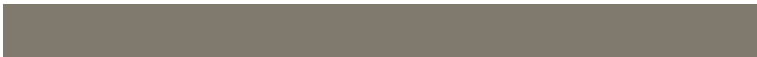
81, 36.513, 89.143



97, 11.512, 92.927



66, 38.986, 1.045



51, 7.645, 92.765



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, 36.513, 89.143



89, 48.043, 88.026



87, 47.870, 115.187



46, 4.899, 93.249



56, 62.835, 79.797



14, 21.442, 82.840

Inverse Universe

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



66, 37.079, 281.276



69, 49.175, 283.220



61, 52.815, 301.714



44, 4.919, 275.657



28, 78.767, 298.711



5, 25.209, 288.401

Previews

White Background



This preview shows how the CIELCh color 81, 36.512, 89.138 looks on a white background.

Color Contrast Check

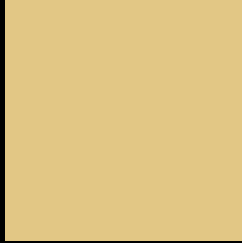
Large Text (above 18pt) WCAG AA × Fail

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, 36.512, 89.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

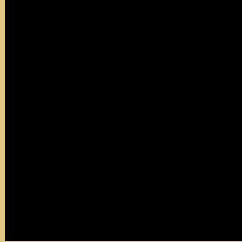
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 36.512, 89.138

Background



This preview shows how black text looks on a background with the CIELCh color 81, 36.512, 89.138.



This preview shows how white text looks on a background with the CIELCh color 81, 36.512, 89.138.

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, 36.512, 89.138

Protanopia

81, 35.814, 95.696

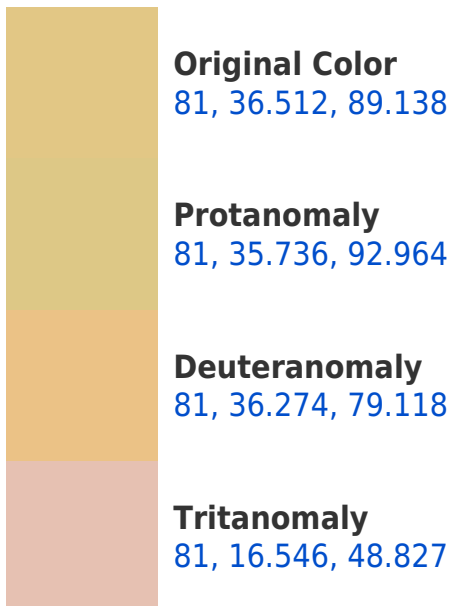
Deuteranopia

81, 37.291, 73.993



Tritanopia
81, 17.604, 356.047

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 36.512, 89.138 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(226, 199, 133)` looks like.

```
.text, #text, p{  
    color:rgb(226, 199, 133)  
}
```

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(226, 199, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 199, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 36.512, 89.138 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(226, 199, 133) }
```

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

```
.border{ border-color:rgb(226, 199, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 199, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 199, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 199, 133);  
box-shadow:4px 4px 4px 4px rgb(226, 199,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 36.512, 89.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 199, 133) }
```

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

```
.background{ background-color: rgb(226,  
199, 133) }
```

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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