

Converting Colors

CIELCh(82, 27.733, 81.917)

Have a look what the booklet for
CIELCh(82, 27.733, 81.917) contains.

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Color

CIELCh(82, 27.705, 81.936)

Conversions

Conversions Part 1

Format	Color
Hex	E6C899
RGB	230, 200, 153
RGB Percent	90%, 78%, 60%
CMY	0.0989, 0.2164, 0.4007
CMYK	0.00, 0.13, 0.33, 0.10
HSL	37°, 60%, 75%
HSV	37°, 33%, 90%
XYZ	58.9081, 60.2982, 38.5884
YIQ	203.6120, 32.9670, -8.2570

Conversions

Conversions Part 2

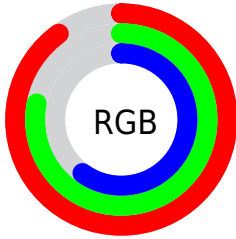
Format	Color
R_{YB}	202, 230, 153
Decimal	15124633
CIE _{Lab}	82.00, 3.89, 27.43
CIE _{LCh}	82, 27.705, 81.936
Yxy	60.2982, 0.3733, 0.3821
Android (android.graphics.Color)	4293314713 (0xFFE6C899)
YUV	203.6120, -24.9517, 23.1423
Hunter-Lab	77.6519, -0.4776, 24.8927

Details

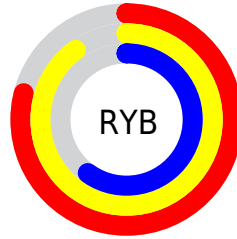
The CIELCh color **82, 27.705, 81.936** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 26.804, 271.866**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 23.732, 108.378**, and **62, 27.357, 81.821** is the 20% darker color. If you saturate the color by 10%, you get **79, 36.442, 80.542**, and if you desaturate by 10%, it is **85, 19.161, 83.302**.

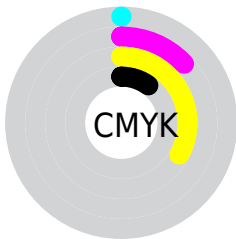
Distribution



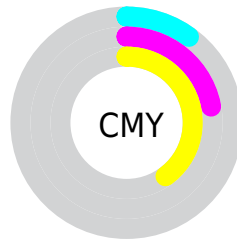
- Red (90%)
- Green (78%)
- Blue (60%)



- Red (79%)
- Yellow (90%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (33%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.705, 81.936 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 82, 27.705, 81.936 by changing the saturation by 10% instead.

 82, 27.705, 81.936

 82, 27.705, 81.936

 100, 27.705,
81.936

 72, 27.705, 81.936

 62, 27.705, 81.936

 52, 27.705, 81.936

 42, 27.705, 81.936

 32, 27.705, 81.936

 22, 27.705, 81.936

 12, 27.705, 81.936

 2, 27.705, 81.936

 0, 27.705, 81.936

82, 27.705, 81.936

82, 27.705, 81.936

79, 36.442, 80.542

85, 19.161, 83.302

77, 45.279, 79.097

87, 10.846, 84.616

74, 54.019, 77.582

90, 2.765, 85.816

72, 62.276, 75.937

93, 5.090, 267.230

70, 69.377, 74.038

96, 7.269, 246.823

68, 74.374, 71.664

98, 8.102, 204.380

66, 76.483, 69.859

98, 8.591, 198.939

Harmonies

Complementary

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



82, 27.705, 81.936



74, 26.804, 271.866

Rectangle

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



82, 27.705, 81.936



82, 27.705, 131.936



82, 27.705, 261.936



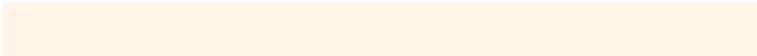
82, 27.705, 311.936

Sweetspot

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



82, 27.706, 81.942



97, 8.696, 85.053



72, 33.334, 352.995



51, 5.946, 84.875



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 27.706, 81.942



88, 36.316, 81.005



89, 39.420, 111.366



47, 4.530, 85.128



52, 63.263, 70.456



14, 21.450, 72.706

Inverse Universe

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



74, 26.804, 271.866



77, 34.912, 273.368



66, 42.786, 297.626



45, 4.500, 267.675



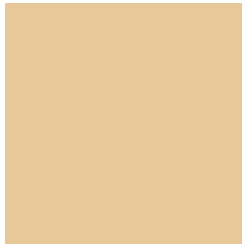
33, 67.943, 293.038



7, 23.661, 284.757

Previews

White Background



This preview shows how the CIELCh color 82, 27.705, 81.936 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 82, 27.705, 81.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

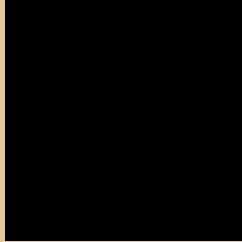
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 27.705, 81.936

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.705, 81.936.



This preview shows how white text looks on a background with the CIELCh color 82, 27.705, 81.936.

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

82, 27.705, 81.936

Protanopia

82, 26.352, 95.591

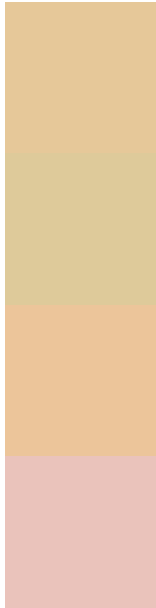
Deuteranopia

82, 28.779, 69.722



Tritanopia
82, 18.111, 355.034

Trichromacy



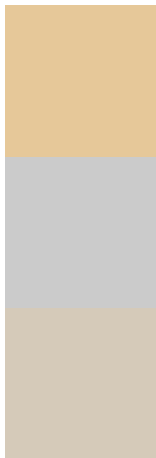
Original Color
82, 27.705, 81.936

Protanomaly
82, 26.548, 90.262

Deuteranomaly
82, 27.898, 73.548

Tritanomaly
82, 15.619, 36.064

Monochromacy



Original Color
82, 27.705, 81.936

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.895, 84.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.705, 81.936 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(230, 200, 153)` looks like.

```
.text, #text, p{  
    color:rgb(230, 200, 153)  
}
```

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(230, 200, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 200, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.705, 81.936 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(230, 200, 153) }
```

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

```
.border{ border-color:rgb(230, 200, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 200, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 200, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 200, 153);  
box-shadow:4px 4px 4px 4px rgb(230, 200,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.705, 81.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 200, 153) }
```

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

```
.background{ background-color: rgb(230,  
200, 153) }
```

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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