

Converting Colors

CIELCh(81, 25.177, 82.844)

Have a look what the booklet for
CIELCh(81, 25.177, 82.844) contains.

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Color

CIELCh(81, 25.100, 83.449)

Conversions

Conversions Part 1

Format	Color
Hex	E0C69B
RGB	224, 198, 155
RGB Percent	88%, 78%, 61%
CMY	0.1224, 0.2243, 0.3929
CMYK	0.00, 0.12, 0.31, 0.12
HSL	37°, 52%, 74%
HSV	37°, 31%, 88%
XYZ	56.7248, 58.4711, 39.2223
YIQ	200.8720, 29.2990, -7.8610

Conversions

Conversions Part 2

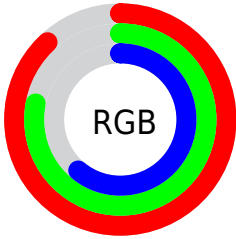
Format	Color
RYB	197, 224, 155
Decimal	14730907
CIELab	81.00, 2.86, 24.94
CIElCh	81, 25.100, 83.449
Yxy	58.4711, 0.3673, 0.3787
Android (android.graphics.Color)	4292920987 (0xFFE0C69B)
YUV	200.8720, -22.6149, 20.2833
Hunter-Lab	76.4664, -1.4002, 23.1146

Details

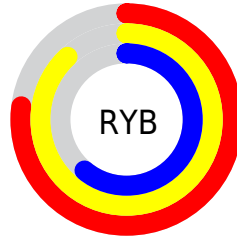
The CIELCh color **81, 25.100, 83.449** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 24.489, 272.413**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.729, 108.455**, and **61, 24.799, 82.704** is the 20% darker color. If you saturate the color by 10%, you get **78, 33.652, 82.069**, and if you desaturate by 10%, it is **84, 16.732, 84.801**.

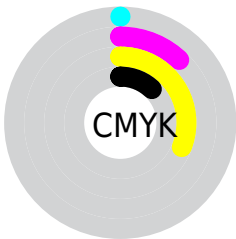
Distribution



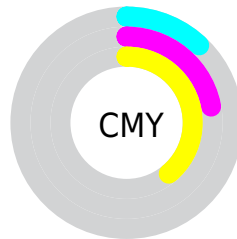
- Red (88%)
- Green (78%)
- Blue (61%)



- Red (77%)
- Yellow (88%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 25.100, 83.449 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, 25.100, 83.449 by changing the saturation by 10% instead.

 81, 25.100, 83.449

 81, 25.100, 83.449

 100, 25.100,
83.449

 71, 25.100, 83.449

 61, 25.100, 83.449

 51, 25.100, 83.449

 41, 25.100, 83.449

 31, 25.100, 83.449

 21, 25.100, 83.449

 11, 25.100, 83.449

 1, 25.100, 83.449

 0, 25.100, 83.449

81, 25.100, 83.449

81, 25.100, 83.449

78, 33.652, 82.069

84, 16.732, 84.801

76, 42.309, 80.638

86, 8.576, 86.095

74, 50.908, 79.148

89, 0.636, 86.931

71, 59.125, 77.551

92, 7.097, 268.660

69, 66.383, 75.751

94, 9.375, 255.114

67, 71.816, 73.564

96, 8.914, 221.382

65, 74.855, 71.122

98, 10.568,
198.801

Harmonies

Complementary

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



81, 25.100, 83.449



73, 24.489, 272.413

Rectangle

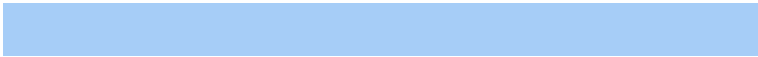
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 25.100, 83.449



81, 25.100, 133.449



81, 25.100, 263.449



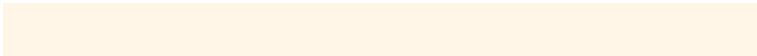
81, 25.100, 313.449

Sweetspot

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



81, 25.101, 83.455



97, 7.907, 86.315



71, 29.725, 353.717



52, 5.506, 86.132



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, 25.101, 83.455



89, 33.766, 82.566



87, 35.621, 112.310



46, 4.500, 86.268



52, 62.511, 71.685



13, 20.296, 74.006

Inverse Universe

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



73, 24.489, 272.413



79, 32.781, 273.777



67, 38.340, 297.818



44, 4.477, 268.797



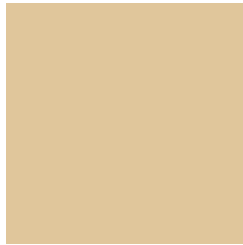
32, 68.659, 293.846



6, 22.824, 284.328

Previews

White Background



This preview shows how the CIELCh color 81, 25.100, 83.449 looks on a white background.

Color Contrast Check

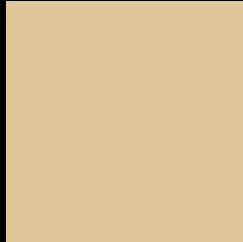
Large Text (above 18pt) WCAG AA × Fail

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, 25.100, 83.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

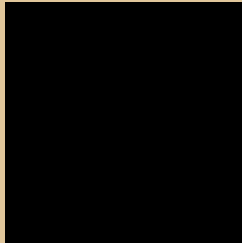
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 25.100, 83.449

Background



This preview shows how black text looks on a background with the CIELCh color 81, 25.100, 83.449.

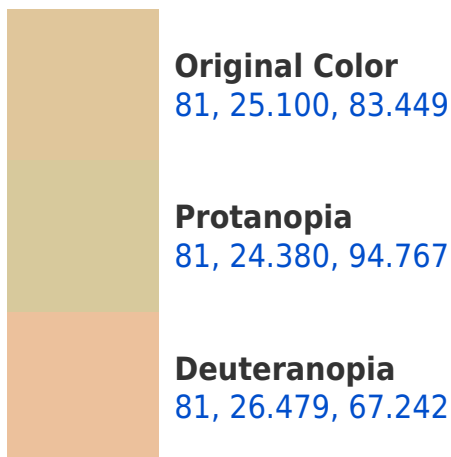


This preview shows how white text looks on a background with the CIELCh color 81, 25.100, 83.449.

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](#).

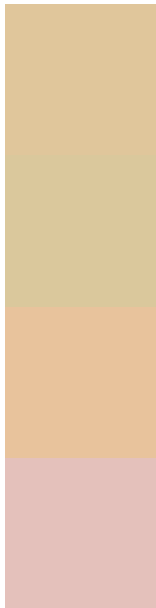
Dichromacy





Tritanopia
81, 16.464, 351.979

Trichromacy



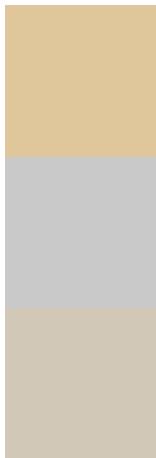
Original Color
81, 25.100, 83.449

Protanomaly
81, 24.335, 90.842

Deuteranomaly
81, 25.681, 72.674

Tritanomaly
81, 13.799, 33.609

Monochromacy



Original Color
81, 25.100, 83.449

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.120, 87.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 25.100, 83.449 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(224, 198, 155)` looks like.

```
.text, #text, p{  
    color:rgb(224, 198, 155)  
}
```

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(224, 198, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 198, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 25.100, 83.449 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(224, 198, 155) }
```

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

```
.border{ border-color:rgb(224, 198, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 198, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 198, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 198, 155);  
box-shadow:4px 4px 4px 4px rgb(224, 198,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 25.100, 83.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 198, 155) }
```

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

```
.background{ background-color: rgb(224,  
198, 155) }
```

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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