

Converting Colors

CIELCh(83, 25.613, 119.329)

Have a look what the booklet for
CIELCh(83, 25.613, 119.329)
contains.

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Color

CIELCh(83, 25.613, 119.329)

Conversions

Conversions Part 1

Format	Color
Hex	C7D4A4
RGB	199, 212, 164
RGB Percent	78%, 83%, 64%
CMY	0.2181, 0.1671, 0.3554
CMYK	0.06, 0.00, 0.23, 0.17
HSL	76°, 36%, 74%
HSV	76°, 23%, 83%
XYZ	54.0245, 62.1629, 44.4445
YIQ	202.6410, 7.6600, -17.6840

Conversions

Conversions Part 2

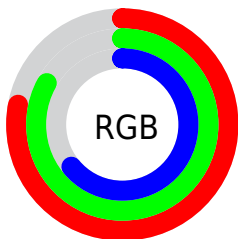
Format	Color
RYB	164, 212, 177
Decimal	13096100
CIELab	83.00, -12.55, 22.33
CIElCh	83, 25.613, 119.329
Yxy	62.1629, 0.3363, 0.3870
Android (android.graphics.Color)	4291286180 (0xFFC7D4A4)
YUV	202.6410, -19.0500, -3.1932
Hunter-Lab	78.8435, -15.6659, 21.7684

Details

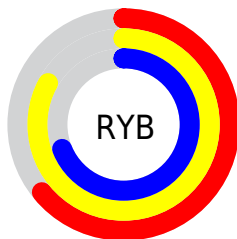
The CIELCh color **83, 25.613, 119.329** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 26.810, 302.251**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.203, 108.801**, and **63, 25.309, 118.827** is the 20% darker color. If you saturate the color by 10%, you get **82, 36.746, 118.721**, and if you desaturate by 10%, it is **84, 14.321, 119.949**.

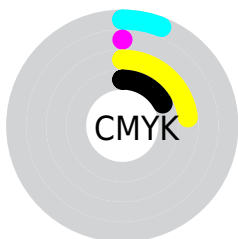
Distribution



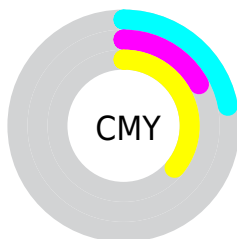
- Red (78%)
- Green (83%)
- Blue (64%)



- Red (64%)
- Yellow (83%)
- Blue (69%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (17%)





- Cyan (22%)
- Magenta (17%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 25.613, 119.329 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 83, 25.613, 119.329 by changing the saturation by 10% instead.


 83, 25.613,
119.329


 83, 25.613,
119.329


 100, 25.613,
119.329


 73, 25.613,
119.329

 63, 25.613,
119.329

 53, 25.613,
119.329

 43, 25.613,
119.329

 33, 25.613,
119.329

 23, 25.613,
119.329

 13, 25.613,

119.329

■ 3, 25.613, 119.329

■ 0, 25.613, 119.329

■ 83, 25.613,
119.329

■ 83, 25.613,
119.329

■ 82, 36.746,
118.721

■ 84, 14.321,
119.949

■ 81, 47.575,
118.141

■ 85, 2.958, 120.561

■ 81, 57.890,
117.635

■ 86, 8.408, 301.122

■ 80, 67.384,
117.265

■ 87, 19.732,
301.672

■ 80, 75.623,

■ 87, 23.042,
305.326

117.115

88, 23.572,
310.005

79, 82.096,
117.290

88, 24.249,
314.501

79, 86.375,
117.889

89, 25.065,
318.776

79, 88.338,
118.566

89, 26.009,
322.804

Harmonies

Complementary

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



83, 25.613, 119.329



70, 26.810, 302.251

Rectangle

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



83, 25.613, 119.329



83, 25.613, 169.329



83, 25.613, 299.329



83, 25.613, 349.329

Sweetspot

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



83, 25.615, 119.332



99, 9.222, 120.287



75, 15.611, 46.386



53, 5.992, 120.250



0, 0.000, 0.000



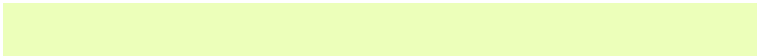
53, 0.007, 296.813

Same Dimension

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



83, 25.615, 119.332



97, 35.407, 119.044



81, 28.921, 136.708



45, 6.491, 120.143



64, 75.029, 118.361



16, 25.908, 119.194

Inverse Universe

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



70, 26.810, 302.251



79, 37.449, 302.632



72, 29.289, 318.784



41, 6.618, 301.288



22, 96.590, 308.017



2, 27.995, 300.784

Previews

White Background



This preview shows how the CIELCh color 83, 25.613, 119.329 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 83, 25.613, 119.329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

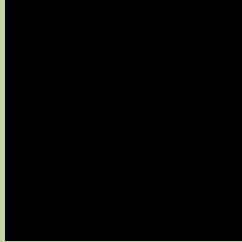
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 25.613, 119.329

Background



This preview shows how black text looks on a background with the CIELCh color 83, 25.613, 119.329.

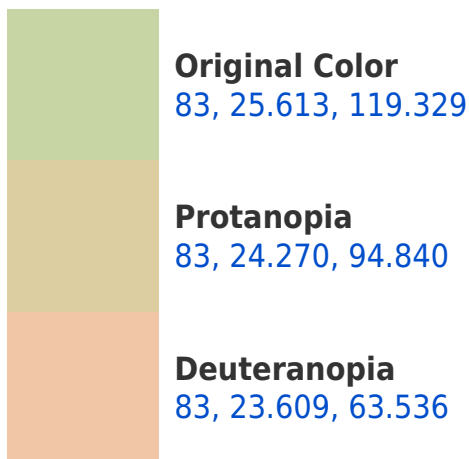


This preview shows how white text looks on a background with the CIELCh color 83, 25.613, 119.329.

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](#).

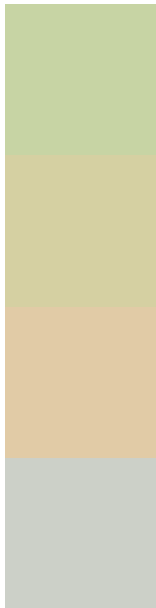
Dichromacy





Tritanopia
83, 8.510, 295.672

Trichromacy



Original Color
83, 25.613, 119.329

Protanomaly
83, 24.174, 103.370

Deuteranomaly
83, 21.384, 84.414

Tritanomaly
83, 4.474, 128.929

Monochromacy



Original Color
83, 25.613, 119.329

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.101, 118.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 25.613, 119.329 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(199, 212, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 212, 164)  
}
```

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(199, 212, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 212, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 25.613, 119.329 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(199, 212, 164) }
```

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

```
.border{ border-color:rgb(199, 212, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 212, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 212, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 212, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 212,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 25.613, 119.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 212, 164) }
```

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

```
.background{ background-color: rgb(199,  
212, 164) }
```

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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