

Converting Colors

CIELCh(83, 15.405, 125.910)

Have a look what the booklet for
CIELCh(83, 15.405, 125.910)
contains.

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Color

CIELCh(83, 15.419, 125.907)

Conversions

Conversions Part 1

Format	Color
Hex	C7D3B7
RGB	199, 211, 183
RGB Percent	78%, 83%, 72%
CMY	0.2195, 0.1725, 0.2823
CMYK	0.06, 0.00, 0.13, 0.17
HSL	86°, 24%, 77%
HSV	86°, 13%, 83%
XYZ	55.4069, 62.1629, 53.8884
YIQ	204.2200, 1.8360, -11.2520

Conversions

Conversions Part 2

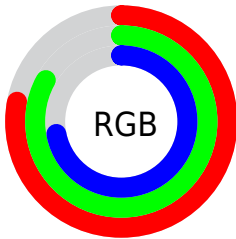
Format	Color
RYB	183, 211, 195
Decimal	13095863
CIELab	83.00, -9.04, 12.49
CIElCh	83, 15.419, 125.907
Yxy	62.1629, 0.3232, 0.3626
Android (android.graphics.Color)	4291285943 (0xFFC7D3B7)
YUV	204.2200, -10.4615, -4.5779
Hunter-Lab	78.8435, -12.5361, 14.6665

Details

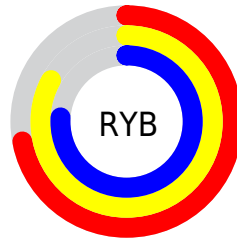
The CIELCh color **83, 15.419, 125.907** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 15.749, 307.190**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **63, 15.125, 125.552** is the 20% darker color. If you saturate the color by 10%, you get **82, 27.016, 125.406**, and if you desaturate by 10%, it is **84, 3.790, 126.412**.

Distribution



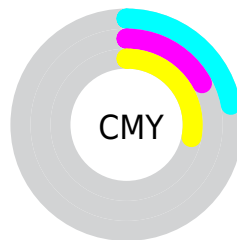
- Red (78%)
- Green (83%)
- Blue (72%)



- Red (72%)
- Yellow (83%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (17%)





- Cyan (22%)
- Magenta (17%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 15.419, 125.907 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, 15.419, 125.907 by changing the saturation by 10% instead.


 83, 15.419,
125.907


 83, 15.419,
125.907


 100, 15.419,
125.907


 73, 15.419,
125.907

 63, 15.419,
125.907

 53, 15.419,
125.907

 43, 15.419,
125.907

 33, 15.419,
125.907

 23, 15.419,
125.907

 13, 15.419,

125.907

■ 3, 15.419, 125.907

■ 0, 15.419, 125.907

■ 83, 15.419,
125.907

■ 83, 15.419,
125.907

■ 82, 27.016,
125.406

■ 84, 3.790, 126.412

■ 81, 38.473,
124.901

■ 85, 7.807, 306.827

■ 80, 49.645,
124.422

■ 87, 19.319,
307.254

■ 79, 60.315,
124.014

■ 88, 24.557,
311.555

■ 78, 70.170,

■ 88, 25.747,
318.208

123.748

■ 89, 27.248,
324.302

■ 78, 78.780,
123.723

■ 89, 27.562,
325.384

■ 77, 85.638,
124.062

■ 77, 90.335,
124.877

■ 76, 92.497,
125.631

Harmonies

Complementary

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



83, 15.419, 125.907



76, 15.749, 307.190

Rectangle

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



83, 15.419, 125.907



83, 15.419, 175.907



83, 15.419, 305.907



83, 15.419, 355.907

Sweetspot

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



83, 15.421, 125.910



99, 5.407, 126.371



80, 8.782, 64.442



53, 3.845, 126.331



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, 15.421, 125.910



98, 21.680, 125.765



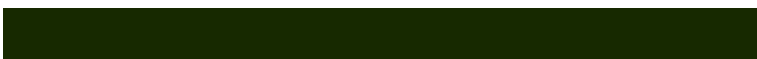
82, 17.657, 141.474



44, 6.542, 126.102



62, 77.985, 125.371



14, 25.544, 126.898

Inverse Universe

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



76, 15.749, 307.190



88, 22.239, 307.348



77, 17.714, 322.823



41, 6.644, 306.986



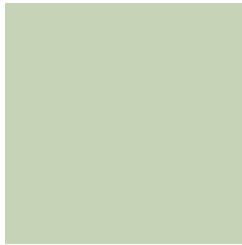
24, 92.732, 310.474



3, 26.393, 304.867

Previews

White Background



This preview shows how the CIELCh color 83, 15.419, 125.907 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, 15.419, 125.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

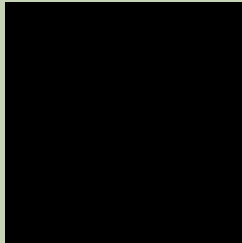
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

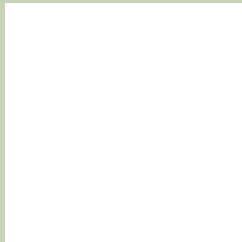
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 15.419, 125.907

Background



This preview shows how black text looks on a background with the CIELCh color 83, 15.419, 125.907.



This preview shows how white text looks on a background with the CIELCh color 83, 15.419, 125.907.

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](#).

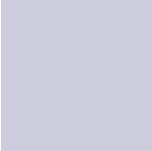
Dichromacy



Original Color
83, 15.419, 125.907

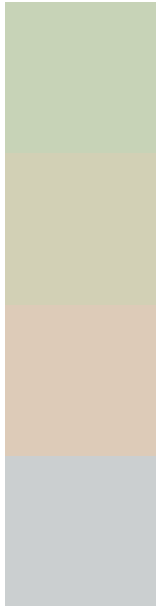
Protanopia
83, 14.202, 93.273

Deuteranopia
83, 15.452, 48.592



Tritanopia
83, 8.999, 290.964

Trichromacy



Original Color
83, 15.419, 125.907

Protanomaly
83, 14.205, 105.849

Deuteranomaly
83, 12.168, 74.757

Tritanomaly
83, 1.531, 219.898

Monochromacy



Original Color
83, 15.419, 125.907

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.102, 127.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 15.419, 125.907 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, 211, 183)` looks like.

```
.text, #text, p{  
    color:rgb(199, 211, 183)  
}
```

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, 211, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 211, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 15.419, 125.907 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, 211, 183) }
```

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

```
.border{ border-color:rgb(199, 211, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 211, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(199, 211,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 15.419, 125.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 211, 183) }
```

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

```
.background{ background-color: rgb(199,  
211, 183) }
```

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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