

Converting Colors

CIELCh(83, 27.508, 124.783)

Have a look what the booklet for
CIELCh(83, 27.508, 124.783)
contains.

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Color

CIELCh(83, 27.382, 125.078)

Conversions

Conversions Part 1

Format	Color
Hex	C1D6A4
RGB	193, 214, 164
RGB Percent	76%, 84%, 64%
CMY	0.2428, 0.1605, 0.3566
CMYK	0.10, 0.00, 0.23, 0.16
HSL	85°, 38%, 74%
HSV	85°, 23%, 84%
XYZ	52.7856, 62.1629, 44.3738
YIQ	202.0210, 3.5340, -20.0020

Conversions

Conversions Part 2

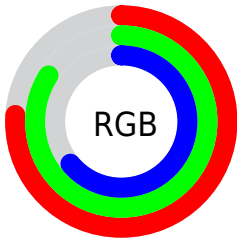
Format	Color
RYB	164, 214, 185
Decimal	12703396
CIELab	83.00, -15.74, 22.41
CIElCh	83, 27.382, 125.078
Yxy	62.1629, 0.3313, 0.3902
Android (android.graphics.Color)	4290893476 (0xFFC1D6A4)
YUV	202.0210, -18.7444, -7.9114
Hunter-Lab	78.8435, -18.4705, 21.8215

Details

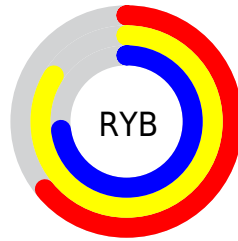
The CIELCh color **83, 27.382, 125.078** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 28.441, 307.464**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.315, 114.546**, and **63, 27.183, 125.000** is the 20% darker color. If you saturate the color by 10%, you get **82, 38.948, 124.571**, and if you desaturate by 10%, it is **84, 15.677, 125.589**.

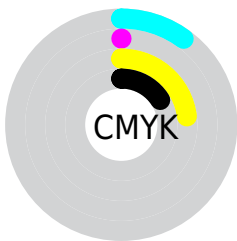
Distribution



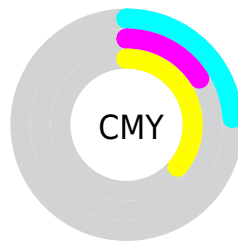
- Red (76%)
- Green (84%)
- Blue (64%)



- Red (64%)
- Yellow (84%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 27.382, 125.078 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, 27.382, 125.078 by changing the saturation by 10% instead.


 83, 27.382,
125.078


 83, 27.382,
125.078


 100, 27.382,
125.078


 73, 27.382,
125.078

 63, 27.382,
125.078

 53, 27.382,
125.078

 43, 27.382,
125.078

 33, 27.382,
125.078

 23, 27.382,
125.078

 13, 27.382,

125.078

■ 3, 27.382, 125.078

■ 0, 27.382, 125.078

■ 83, 27.382,
125.078

■ 83, 27.382,
125.078

■ 82, 38.948,
124.571

■ 84, 15.677,
125.589

■ 81, 50.219,
124.090

■ 85, 3.931, 126.095

■ 80, 60.978,
123.681

■ 86, 7.784, 306.517

■ 80, 70.906,
123.416

■ 88, 19.416,
306.950

■ 79, 79.565,

■ 89, 22.986,
312.690

123.394

89, 24.249,
319.681

78, 86.442,
123.739

90, 25.637,
325.317

78, 91.126,
124.561

78, 93.244,
125.310

Harmonies

Complementary

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



83, 27.382, 125.078



71, 28.441, 307.464

Rectangle

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



83, 27.382, 125.078



83, 27.382, 175.078



83, 27.382, 305.078



83, 27.382, 355.078

Sweetspot

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



83, 27.384, 125.080



99, 9.459, 125.904



77, 16.130, 63.402



53, 6.147, 125.873



0, 0.000, 0.000



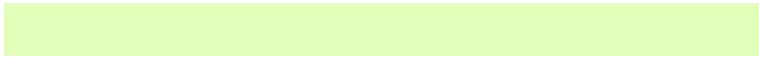
53, 0.007, 296.813

Same Dimension

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



83, 27.384, 125.080



96, 37.770, 124.828



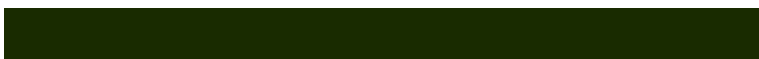
81, 31.535, 140.813



45, 6.661, 125.786



63, 78.645, 125.055



15, 27.043, 125.909

Inverse Universe

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



71, 28.441, 307.464



79, 39.572, 307.763



73, 31.671, 323.328



42, 6.767, 306.683



25, 93.948, 310.297



3, 28.522, 305.417

Previews

White Background



This preview shows how the CIELCh color 83, 27.382, 125.078 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 83, 27.382, 125.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

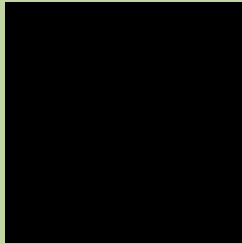
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 27.382, 125.078

Background



This preview shows how black text looks on a background with the CIELCh color 83, 27.382, 125.078.

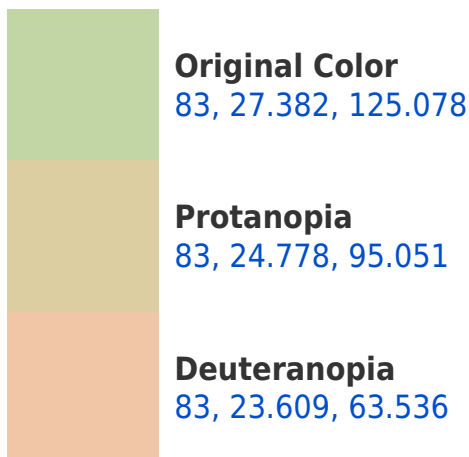


This preview shows how white text looks on a background with the CIELCh color 83, 27.382, 125.078.

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](#).

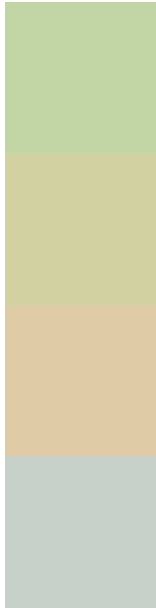
Dichromacy





Tritanopia
83, 9.075, 282.107

Trichromacy



Original Color
83, 27.382, 125.078

Protanomaly
83, 25.117, 107.062

Deuteranomaly
83, 21.385, 87.845

Tritanomaly
83, 5.212, 154.028

Monochromacy



Original Color
83, 27.382, 125.078

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 9.874, 124.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 27.382, 125.078 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(193, 214, 164)` looks like.

```
.text, #text, p{  
    color:rgb(193, 214, 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(193, 214, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 214, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 27.382, 125.078 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(193, 214, 164) }
```

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

```
.border{ border-color:rgb(193, 214, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 214, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 214, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 214, 164);  
box-shadow:4px 4px 4px 4px rgb(193, 214,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 27.382, 125.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 214, 164) }
```

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

```
.background{ background-color: rgb(193,  
214, 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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