

Converting Colors

CIELCh(83, 26.677, 129.005)

Have a look what the booklet for
CIELCh(83, 26.677, 129.005)
contains.

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Color

CIELCh(83, 26.902, 128.784)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BED7A7</code>
RGB	190, 215, 167
RGB Percent	75%, 84%, 65%
CMY	0.2559, 0.1579, 0.3461
CMYK	0.12, 0.00, 0.22, 0.16
HSL	91°, 37%, 75%
HSV	91°, 22%, 84%
XYZ	52.3572, 62.1629, 45.6775
YIQ	202.0530, 0.5080, -20.2280

Conversions

Conversions Part 2

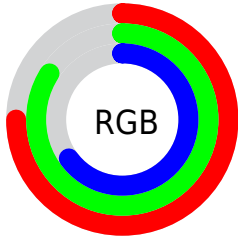
Format	Color
RYB	167, 215, 192
Decimal	12507047
CIELab	83.00, -16.85, 20.97
CIELCh	83, 26.902, 128.784
Yxy	62.1629, 0.3268, 0.3880
Android (android.graphics.Color)	4290697127 (0xFFBED7A7)
YUV	202.0530, -17.2811, -10.5705
Hunter-Lab	78.8435, -19.4404, 20.8411

Details

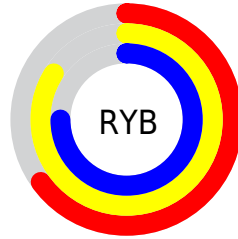
The CIELCh color $83, 26.902, 128.784$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $72, 27.701, 310.827$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 16.980, 118.799$, and $63, 26.706, 128.968$ is the 20% darker color. If you saturate the color by 10%, you get $82, 38.838, 128.299$, and if you desaturate by 10%, it is $84, 14.860, 129.261$.

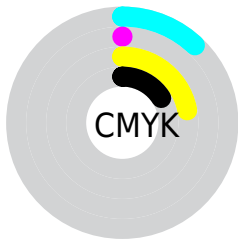
Distribution



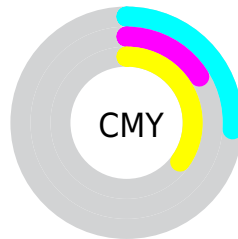
- Red (75%)
- Green (84%)
- Blue (65%)



- Red (65%)
- Yellow (84%)
- Blue (75%)



- Cyan (12%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)





- Cyan (26%)
- Magenta (16%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 26.902, 128.784 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, 26.902, 128.784 by changing the saturation by 10% instead.


 83, 26.902,
128.784


 83, 26.902,
128.784


 100, 26.902,
128.784


 73, 26.902,
128.784

 63, 26.902,
128.784

 53, 26.902,
128.784

 43, 26.902,
128.784

 33, 26.902,
128.784

 23, 26.902,
128.784

 13, 26.902,

128.784

■ 3, 26.902, 128.784

■ 0, 26.902, 128.784

■ 83, 26.902,
128.784

■ 83, 26.902,
128.784

■ 82, 38.838,
128.299

■ 84, 14.860,
129.261

■ 81, 50.510,
127.824

■ 86, 2.811, 129.743

■ 87, 9.166, 310.091

■ 80, 61.701,
127.405

■ 89, 21.020,
310.470

■ 79, 72.096,
127.108

■ 89, 23.620,
318.540

■ 78, 81.264,

127.035

90, 25.220,
325.303

78, 88.686,
127.312

77, 93.922,
128.056

77, 96.624,
128.881

Harmonies

Complementary

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



83, 26.902, 128.784



72, 27.701, 310.827

Rectangle

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



83, 26.902, 128.784



83, 26.902, 178.784



83, 26.902, 308.784



83, 26.902, 358.784

Sweetspot

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



83, 26.904, 128.786



99, 9.669, 129.506



79, 16.099, 74.384



53, 6.284, 129.478



0, 0.000, 0.000



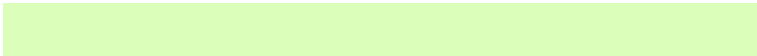
53, 0.007, 296.813

Same Dimension

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



83, 26.904, 128.786



96, 37.333, 128.547



82, 30.727, 143.420



44, 6.811, 129.397



62, 81.273, 128.625



15, 27.939, 129.708

Inverse Universe

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



72, 27.701, 310.827



81, 38.701, 311.078



74, 30.746, 326.110



42, 6.901, 310.198



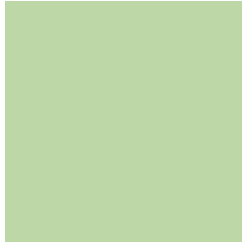
27, 91.964, 312.449



3, 29.117, 309.240

Previews

White Background



This preview shows how the CIELCh color 83, 26.902, 128.784 looks on a white background.

Color Contrast Check

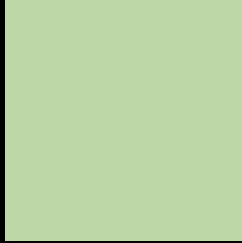
Large Text (above 18pt) WCAG AA × Fail

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, 26.902, 128.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

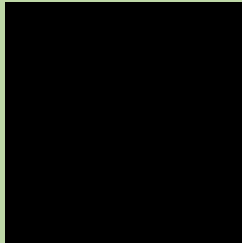
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 26.902, 128.784

Background



This preview shows how black text looks on a background with the CIELCh color 83, 26.902, 128.784.

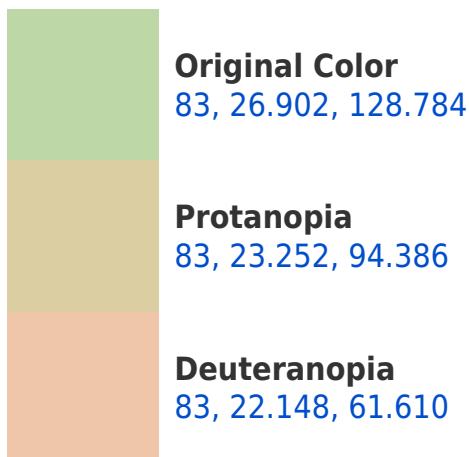


This preview shows how white text looks on a background with the CIELCh color 83, 26.902, 128.784.

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](#).

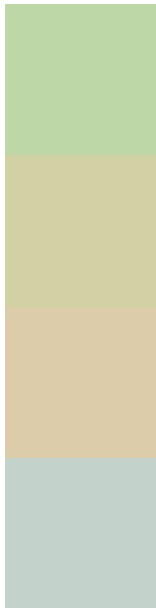
Dichromacy





Tritanopia
83, 9.453, 271.670

Trichromacy



Original Color
83, 26.902, 128.784

Protanomaly
83, 23.562, 108.099

Deuteranomaly
83, 19.613, 88.634

Tritanomaly
83, 6.601, 164.947

Monochromacy



Original Color
83, 26.902, 128.784

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 10.098, 128.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 26.902, 128.784 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(190, 215, 167)` looks like.

```
.text, #text, p{  
    color:rgb(190, 215, 167)  
}
```

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(190, 215, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 215, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 26.902, 128.784 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(190, 215, 167) }
```

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

```
.border{ border-color:rgb(190, 215, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 215, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 215, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 215, 167); box-shadow:4px 4px 4px 4px rgb(190, 215, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 26.902, 128.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 215, 167) }
```

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

```
.background{ background-color: rgb(190,  
215, 167) }
```

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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