

Converting Colors

CIELCh(83, 26.659, 102.508)

Have a look what the booklet for
CIELCh(83, 26.659, 102.508)
contains.

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Color

CIELCh(83, 26.313, 101.798)

Conversions

Conversions Part 1

Format	Color
Hex	D7D09E
RGB	215, 208, 158
RGB Percent	84%, 82%, 62%
CMY	0.1561, 0.1835, 0.3796
CMYK	0.00, 0.03, 0.26, 0.16
HSL	53°, 42%, 73%
HSV	53°, 26%, 84%
XYZ	56.8773, 62.1629, 41.4350
YIQ	204.3930, 20.2220, -14.0660

Conversions

Conversions Part 2

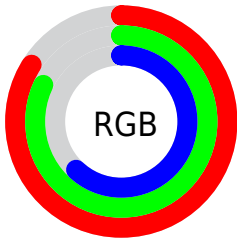
Format	Color
RYB	166, 215, 158
Decimal	14143646
CIELab	83.00, -5.38, 25.76
CIELCh	83, 26.313, 101.798
Yxy	62.1629, 0.3544, 0.3874
Android (android.graphics.Color)	4292333726 (0xFFD7D09E)
YUV	204.3930, -22.8717, 9.3023
Hunter-Lab	78.8435, -9.2070, 24.0315

Details

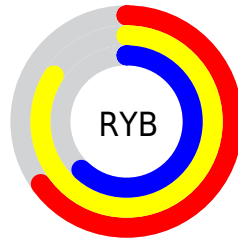
The CIELCh color **83, 26.313, 101.798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 27.533, 288.117**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **63, 26.584, 101.701** is the 20% darker color. If you saturate the color by 10%, you get **82, 36.135, 100.691**, and if you desaturate by 10%, it is **84, 16.389, 102.902**.

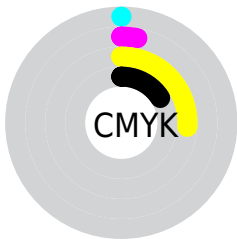
Distribution



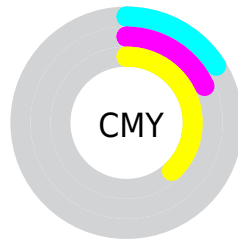
- Red (84%)
- Green (82%)
- Blue (62%)



- Red (65%)
- Yellow (84%)
- Blue (62%)



- Cyan (0%)
- Magenta (3%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (18%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 26.313, 101.798 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, 26.313, 101.798 by changing the saturation by 10% instead.


 83, 26.313,
101.798


 83, 26.313,
101.798


 100, 26.313,
101.798


 73, 26.313,
101.798

 63, 26.313,
101.798

 53, 26.313,
101.798

 43, 26.313,
101.798

 33, 26.313,
101.798

 23, 26.313,
101.798

 13, 26.313,

101.798

■ 3, 26.313, 101.798

■ 0, 26.313, 101.798

■ 83, 26.313,
101.798

■ 83, 26.313,
101.798

■ 82, 36.135,
100.691

■ 84, 16.389,
102.902

■ 81, 45.717, 99.581

■ 85, 6.439, 103.970

■ 80, 54.838, 98.488

■ 86, 3.488, 285.075

■ 79, 63.147, 97.425

■ 88, 13.365,
286.063

■ 78, 70.126, 96.406

■ 89, 17.594,
284.845

■ 78, 75.143, 95.432

■ 77, 77.711, 94.485

■ 89, 16.311,
281.048

■ 77, 78.280, 94.156

■ 90, 15.111,
276.646

■ 91, 14.014,
271.542

■ 91, 13.045,
265.652

Harmonies

Complementary

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



83, 26.313, 101.798



69, 27.533, 288.117

Rectangle

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



83, 26.313, 101.798



83, 26.313, 151.798



83, 26.313, 281.798



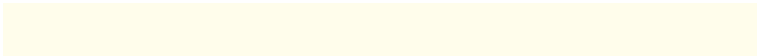
83, 26.313, 331.798

Sweetspot

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



83, 26.315, 101.803



99, 9.111, 103.805



71, 22.724, 11.188



53, 6.478, 103.644



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, 26.315, 101.803



96, 36.425, 101.157



83, 30.810, 122.886



45, 5.613, 103.663



62, 65.985, 94.307



15, 22.054, 97.157

Inverse Universe

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



69, 27.533, 288.117



76, 38.575, 289.085



69, 32.312, 305.841



42, 5.705, 285.748



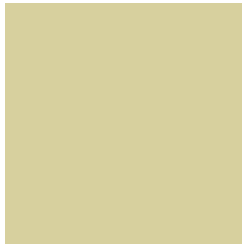
22, 92.675, 304.403



3, 25.237, 291.144

Previews

White Background



This preview shows how the CIELCh color 83, 26.313, 101.798 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, 26.313, 101.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

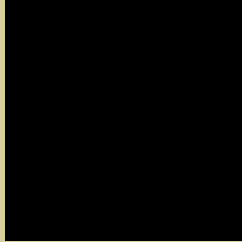
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

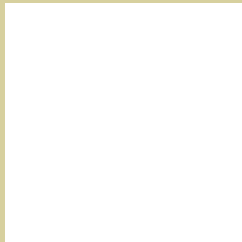
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 26.313, 101.798

Background



This preview shows how black text looks on a background with the CIELCh color 83, 26.313, 101.798.



This preview shows how white text looks on a background with the CIELCh color 83, 26.313, 101.798.

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, 26.313, 101.798

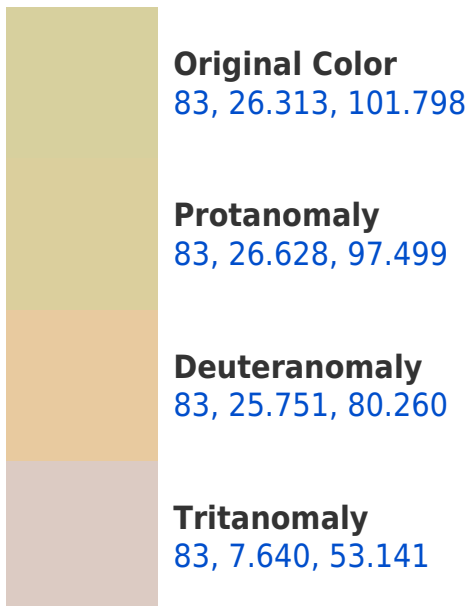
Protanopia
83, 26.397, 94.769

Deuteranopia
83, 27.023, 67.335

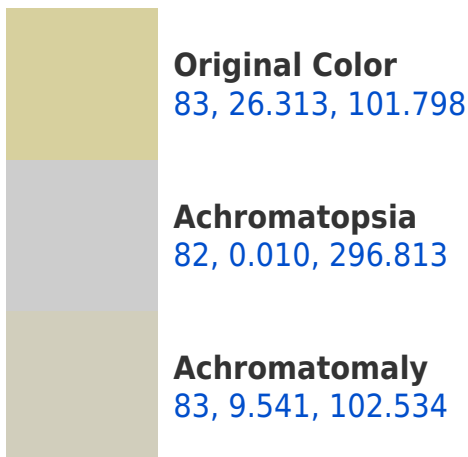


Tritanopia
83, 11.662, 333.837

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 26.313, 101.798 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(215, 208, 158)` looks like.

```
.text, #text, p{  
    color:rgb(215, 208, 158)  
}
```

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(215, 208, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 208, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 26.313, 101.798 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(215, 208, 158) }
```

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

```
.border{ border-color:rgb(215, 208, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 208, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 208, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 208, 158); box-shadow:4px 4px 4px 4px rgb(215, 208, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 26.313, 101.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 208, 158) }
```

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

```
.background{ background-color: rgb(215,  
208, 158) }
```

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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