

Converting Colors

CIELCh(83, 26.446, 102.834)

Have a look what the booklet for
CIELCh(83, 26.446, 102.834)
contains.

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Color

CIELCh(83, 26.273, 102.662)

Conversions

Conversions Part 1

Format	Color
Hex	D6D09E
RGB	214, 208, 158
RGB Percent	84%, 82%, 62%
CMY	0.1591, 0.1826, 0.3788
CMYK	0.00, 0.03, 0.26, 0.16
HSL	54°, 41%, 73%
HSV	54°, 26%, 84%
XYZ	56.7240, 62.1629, 41.5407
YIQ	204.0940, 19.6260, -14.2780

Conversions

Conversions Part 2

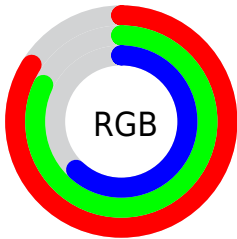
Format	Color
RYB	165, 214, 158
Decimal	14078110
CIELab	83.00, -5.76, 25.63
CIELCh	83, 26.273, 102.662
Yxy	62.1629, 0.3536, 0.3875
Android (android.graphics.Color)	4292268190 (0xFFD6D09E)
YUV	204.0940, -22.7243, 8.6876
Hunter-Lab	78.8435, -9.5542, 23.9520

Details

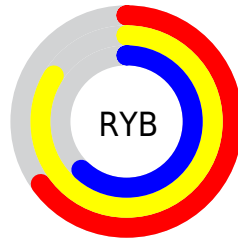
The CIELCh color **83, 26.273, 102.662** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 27.543, 288.802**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **63, 26.544, 102.623** is the 20% darker color. If you saturate the color by 10%, you get **82, 36.199, 101.577**, and if you desaturate by 10%, it is **84, 16.234, 103.747**.

Distribution



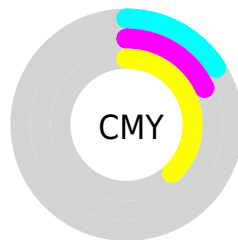
- Red (84%)
- Green (82%)
- Blue (62%)



- 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, 26.273, 102.662 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, 26.273, 102.662 by changing the saturation by 10% instead.


 83, 26.273,
102.662


 83, 26.273,
102.662


 100, 26.273,
102.662


 73, 26.273,
102.662

 63, 26.273,
102.662

 53, 26.273,
102.662

 43, 26.273,
102.662

 33, 26.273,
102.662

 23, 26.273,
102.662

 13, 26.273,

102.662

■ 3, 26.273, 102.662

■ 0, 26.273, 102.662

■ 83, 26.273,
102.662

■ 83, 26.273,
102.662

■ 82, 36.199,
101.577

■ 84, 16.234,
103.747

■ 81, 45.870,
100.492

■ 85, 6.158, 104.800

■ 80, 55.065, 99.429

■ 86, 3.904, 285.884

■ 79, 63.435, 98.407

■ 87, 13.922,
286.863

■ 79, 70.472, 97.441

■ 88, 18.371,
285.969

■ 78, 75.556, 96.540

■ 89, 17.229,
282.912

■ 77, 78.206, 95.695

■ 89, 16.143,
279.445

■ 77, 78.837, 95.375

■ 90, 15.124,
275.511

■ 91, 14.186,
271.049

Harmonies

Complementary

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



83, 26.273, 102.662



69, 27.543, 288.802

Rectangle

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



83, 26.273, 102.662



83, 26.273, 152.662



83, 26.273, 282.662



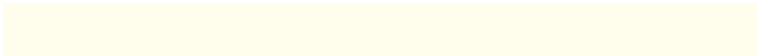
83, 26.273, 332.662

Sweetspot

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



83, 26.275, 102.667



99, 9.260, 104.598



71, 22.286, 12.426



53, 6.583, 104.440



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, 26.275, 102.667



96, 35.828, 102.102



83, 30.404, 123.547



45, 5.705, 104.458



63, 66.626, 95.502



15, 22.413, 98.216

Inverse Universe

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



69, 27.543, 288.802



77, 37.981, 289.645



69, 31.823, 306.384



42, 5.803, 286.516



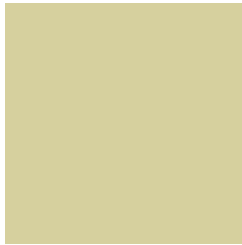
21, 93.726, 304.726



3, 25.531, 291.542

Previews

White Background



This preview shows how the CIELCh color 83, 26.273, 102.662 looks on a white background.

Color Contrast Check

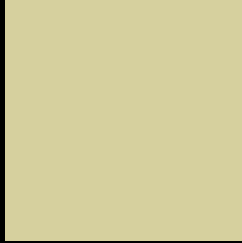
Large Text (above 18pt) WCAG AA × Fail

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, 26.273, 102.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

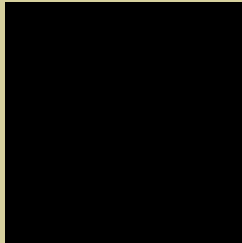
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

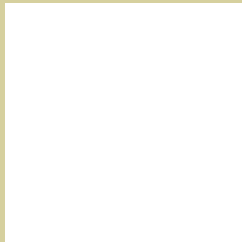
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 26.273, 102.662

Background



This preview shows how black text looks on a background with the CIELCh color 83, 26.273, 102.662.

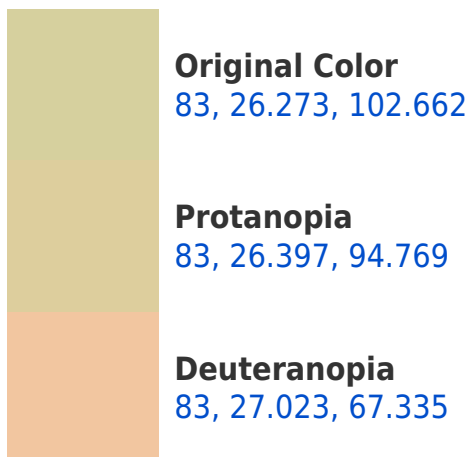


This preview shows how white text looks on a background with the CIELCh color 83, 26.273, 102.662.

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](#).

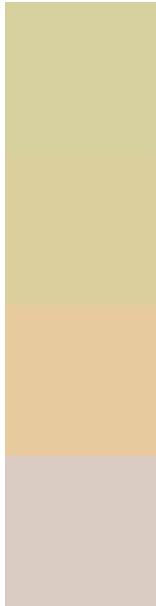
Dichromacy





Tritanopia
83, 11.025, 334.321

Trichromacy



Original Color
83, 26.273, 102.662

Protanomaly
83, 26.117, 97.356

Deuteranomaly
83, 25.751, 80.260

Tritanomaly
83, 7.346, 59.755

Monochromacy



Original Color
83, 26.273, 102.662

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.507, 104.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 26.273, 102.662 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(214, 208, 158)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 208, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 26.273, 102.662 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(214, 208, 158) }
```

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

```
.border{ border-color:rgb(214, 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(214, 208, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 158);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 26.273, 102.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 158) }
```

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

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