

Converting Colors

CIELCh(84, 27.167, 100.654)

Have a look what the booklet for
CIELCh(84, 27.167, 100.654)
contains.

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Color

CIELCh(84, 27.317, 101.125)

Conversions

Conversions Part 1	
Format	Color
Hex	DBD39F
RGB	219, 211, 159
RGB Percent	86%, 83%, 62%
CMY	0.1417, 0.1730, 0.3769
CMYK	0.00, 0.04, 0.27, 0.14
HSL	52°, 45%, 74%
HSV	52°, 27%, 86%
XYZ	58.6860, 64.0658, 42.0189
YIQ	207.4640, 21.4600, -14.4760

Conversions

Conversions Part 2

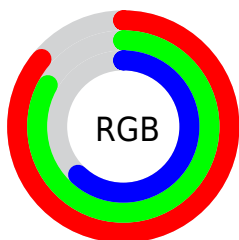
Format	Color
RYB	168, 219, 159
Decimal	14406559
CIELab	84.00, -5.27, 26.80
CIELCh	84, 27.317, 101.125
Yxy	64.0658, 0.3562, 0.3888
Android (android.graphics.Color)	4292596639 (0xFFDBD39F)
YUV	207.4640, -23.8928, 10.1171
Hunter-Lab	80.0411, -9.1961, 24.9035

Details

The CIELCh color **84, 27.317, 101.125** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 28.582, 287.758**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **64, 27.570, 101.841** is the 20% darker color. If you saturate the color by 10%, you get **83, 37.176, 100.002**, and if you desaturate by 10%, it is **85, 17.356, 102.244**.

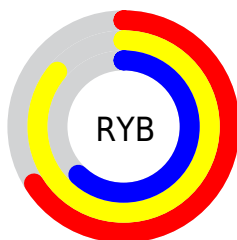
Distribution



Red (86%)

Green (83%)

Blue (62%)



Red (66%)

Yellow (86%)

Blue (62%)

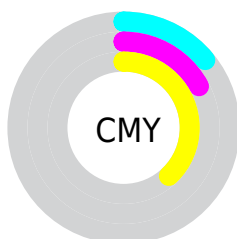


Cyan (0%)

Magenta (4%)

Yellow (27%)

Black (14%)



Cyan (14%)


Magenta (17%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 27.317, 101.125 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 84, 27.317, 101.125 by changing the saturation by 10% instead.


 84, 27.317,
101.125


 84, 27.317,
101.125


 100, 27.317,
101.125


 74, 27.317,
101.125

 64, 27.317,
101.125

 54, 27.317,
101.125


 44, 27.317,
101.125

 34, 27.317,
101.125


 24, 27.317,
101.125


 14, 27.317,


101.125

 4, 27.317, 101.125

 0, 27.317, 101.125

 84, 27.317,
101.125

 84, 27.317,
101.125

 83, 37.176,
100.002

 85, 17.356,
102.244

 82, 46.789, 98.875


 86, 7.372, 103.328


 81, 55.926, 97.760

 88, 2.585, 284.460

 80, 64.215, 96.672


 89, 12.489,
285.446

 79, 71.118, 95.618


 90, 15.469,
283.208


 78, 75.979, 94.594


 77, 78.358, 93.575

 91, 14.108,
278.221

 77, 78.775, 93.311

 91, 12.874,
272.254

 92, 11.806,
265.150

 93, 10.951,
256.825

Harmonies

Complementary

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



84, 27.317, 101.125



70, 28.582, 287.758

Rectangle

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



84, 27.317, 101.125



84, 27.317, 151.125



84, 27.317, 281.125



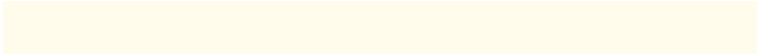
84, 27.317, 331.125

Sweetspot

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



84, 27.318, 101.130



99, 9.012, 103.258



71, 23.897, 11.316



53, 6.408, 103.096



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 27.318, 101.130



95, 37.180, 100.468



84, 32.305, 122.835



46, 5.661, 103.112



62, 66.291, 93.477



16, 23.228, 96.108

Inverse Universe

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



70, 28.582, 287.758



76, 39.369, 288.758



69, 33.944, 305.906



43, 5.751, 285.222



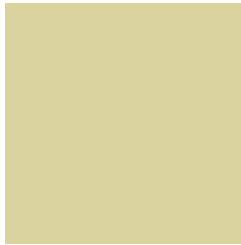
22, 93.006, 304.190



3, 26.880, 291.889

Previews

White Background



This preview shows how the CIE LCh color 84, 27.317, 101.125 looks on a white background.

Color Contrast Check

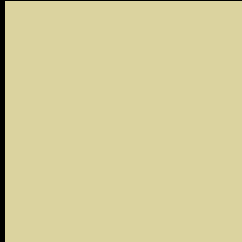
Large Text (above 18pt) WCAG AA × Fail

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 84, 27.317, 101.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

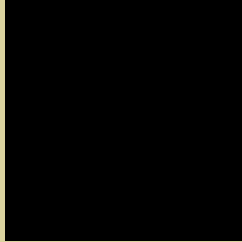
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

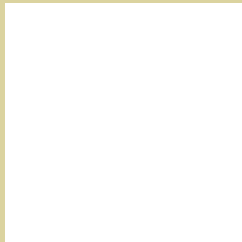
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 27.317, 101.125

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.317, 101.125.

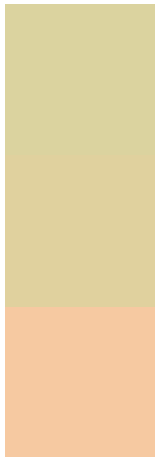


This preview shows how white text looks on a background with the CIELCh color 84, 27.317, 101.125.

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

84, 27.317, 101.125

Protanopia

84, 27.340, 95.180

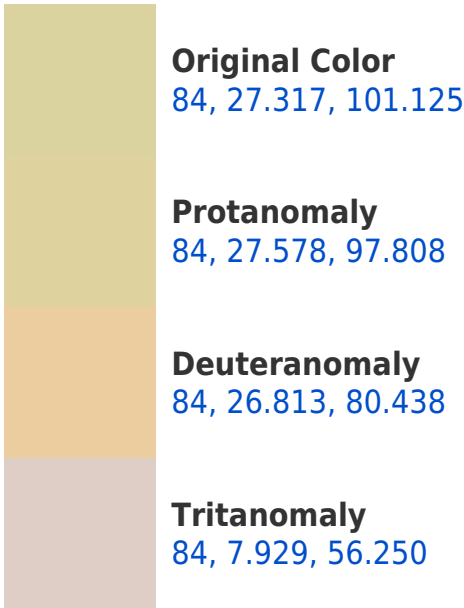
Deuteranopia

84, 28.043, 68.011

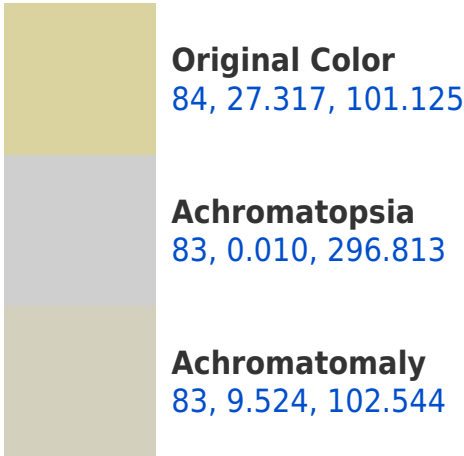


Tritanopia
84, 11.882, 335.132

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.317, 101.125 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(219, 211, 159)` looks like.

```
.text, #text, p{  
    color:rgb(219, 211, 159)  
}
```

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(219, 211, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 211, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.317, 101.125 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(219, 211, 159) }
```

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

```
.border{ border-color:rgb(219, 211, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 211, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 211, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 211, 159);  
box-shadow:4px 4px 4px 4px rgb(219, 211,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.317, 101.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 211, 159) }
```

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

```
.background{ background-color: rgb(219,  
211, 159) }
```

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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