

Converting Colors

CIELCh(84, 27.354, 116.029)

Have a look what the booklet for
CIELCh(84, 27.354, 116.029)
contains.

CIELCh(84, 27.364, 116.018)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 27.364, 116.018)

Conversions

Conversions Part 1

Format	Color
Hex	CDD7A3
RGB	205, 215, 163
RGB Percent	80%, 84%, 64%
CMY	0.1970, 0.1578, 0.3616
CMYK	0.05, 0.00, 0.24, 0.16
HSL	72°, 39%, 74%
HSV	72°, 24%, 84%
XYZ	55.9458, 64.0658, 43.9639
YIQ	206.0820, 10.7320, -18.2920

Conversions

Conversions Part 2

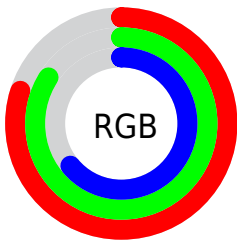
Format	Color
RYB	163, 215, 173
Decimal	13490083
CIELab	84.00, -12.00, 24.59
CIElCh	84, 27.364, 116.018
Yxy	64.0658, 0.3412, 0.3907
Android (android.graphics.Color)	4291680163 (0xFFCDD7A3)
YUV	206.0820, -21.2394, -0.9489
Hunter-Lab	80.0411, -15.3070, 23.4628

Details

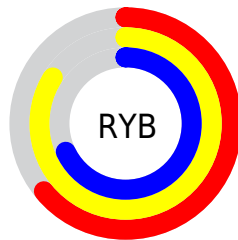
The CIELCh color **84, 27.364, 116.018** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 28.858, 299.658**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **64, 27.189, 116.109** is the 20% darker color. If you saturate the color by 10%, you get **83, 38.418, 115.329**, and if you desaturate by 10%, it is **85, 16.118, 116.723**.

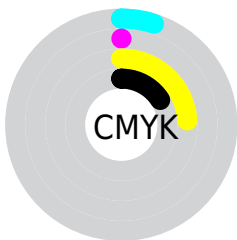
Distribution



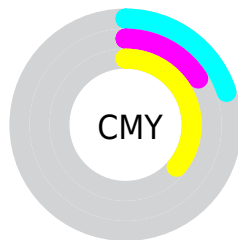
- Red (80%)
- Green (84%)
- Blue (64%)



- Red (64%)
- Yellow (84%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.364, 116.018 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, 27.364, 116.018 by changing the saturation by 10% instead.

 84, 27.364,
116.018

 84, 27.364,
116.018


 100, 27.364,
116.018


 74, 27.364,
116.018

 64, 27.364,
116.018

 54, 27.364,
116.018

 44, 27.364,
116.018

 34, 27.364,
116.018

 24, 27.364,
116.018

 14, 27.364,

116.018

■ 4, 27.364, 116.018

■ 0, 27.364, 116.018

■ 84, 27.364,
116.018

■ 84, 27.364,
116.018

■ 83, 38.418,
115.329

■ 85, 16.118,
116.723

■ 83, 49.124,
114.675

■ 86, 4.775, 117.417

■ 82, 59.255,
114.099

■ 86, 6.596, 298.085

■ 82, 68.475,
113.660

■ 87, 17.948,
298.728

■ 81, 76.322,

■ 88, 21.424,
301.531

113.437

88, 21.709,
305.196

81, 82.270,
113.520

89, 22.079,
308.782

81, 85.930,
113.988

89, 22.531,
312.266

80, 87.251,
114.393

89, 23.061,
315.628

Harmonies

Complementary

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



84, 27.364, 116.018



69, 28.858, 299.658

Rectangle

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



84, 27.364, 116.018



84, 27.364, 166.018



84, 27.364, 296.018



84, 27.364, 346.018

Sweetspot

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



84, 27.366, 116.021



99, 9.134, 117.220



74, 17.705, 37.460



53, 5.935, 117.178



0, 0.000, 0.000



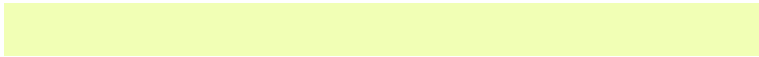
53, 0.007, 296.813

Same Dimension

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



84, 27.366, 116.021



97, 37.574, 115.667



82, 30.475, 134.092



45, 6.429, 117.057



65, 73.521, 114.226



16, 25.466, 115.197

Inverse Universe

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



69, 28.858, 299.658



77, 40.127, 300.160



72, 31.071, 316.233



41, 6.563, 298.381



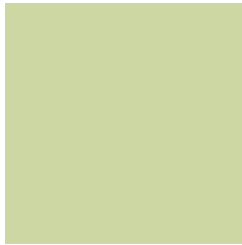
21, 97.668, 307.233



2, 27.832, 298.819

Previews

White Background



This preview shows how the CIELCh color 84, 27.364, 116.018 looks on a white background.

Color Contrast Check

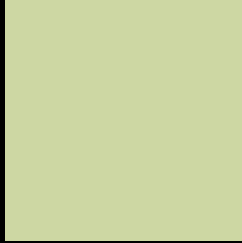
Large Text (above 18pt) WCAG AA × Fail

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, 27.364, 116.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

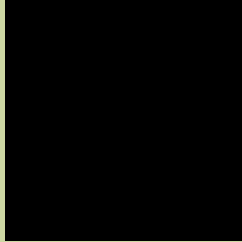
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 27.364, 116.018

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.364, 116.018.

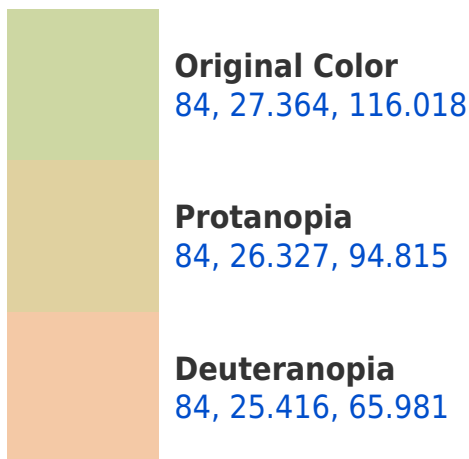



This preview shows how white text looks on a background with the CIELCh color 84, 27.364, 116.018.

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](#).

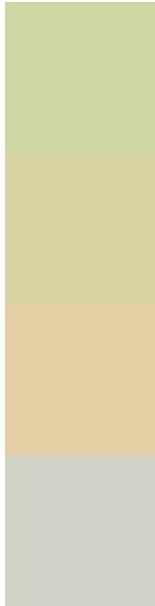
Dichromacy





Tritanopia
84, 8.742, 304.951

Trichromacy



Original Color
84, 27.364, 116.018

Protanomaly
84, 26.206, 102.699

Deuteranomaly
84, 23.594, 84.452

Tritanomaly
84, 4.724, 109.755

Monochromacy



Original Color
84, 27.364, 116.018

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.061, 115.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.364, 116.018 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(205, 215, 163)` looks like.

```
.text, #text, p{  
    color:rgb(205, 215, 163)  
}
```

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(205, 215, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 215, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.364, 116.018 is called "border". The border property can be set on classes, ids or directly on the HTML element.

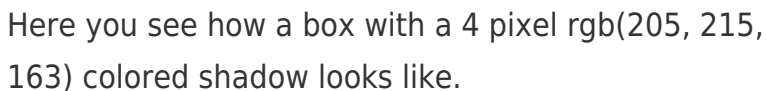
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 215, 163) }
```

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

```
.border{ border-color:rgb(205, 215, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 215, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 215, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 215, 163);  
box-shadow:4px 4px 4px 4px rgb(205, 215,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.364, 116.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 215, 163) }
```

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

```
.background{ background-color: rgb(205,  
215, 163) }
```

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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