

Converting Colors

CIELCh(84, 17.733, 127.289)

Have a look what the booklet for
CIELCh(84, 17.733, 127.289)
contains.

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Color

CIELCh(84, 17.716, 127.289)

Conversions

Conversions Part 1

Format	Color
Hex	C8D7B7
RGB	200, 215, 183
RGB Percent	78%, 84%, 72%
CMY	0.2170, 0.1582, 0.2836
CMYK	0.07, 0.00, 0.15, 0.16
HSL	88°, 28%, 78%
HSV	88°, 15%, 84%
XYZ	56.4561, 64.0658, 54.0095
YIQ	206.8670, 1.3320, -13.1320

Conversions

Conversions Part 2

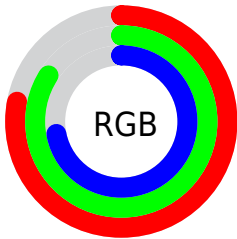
Format	Color
RYB	183, 215, 198
Decimal	13162423
CIELab	84.00, -10.73, 14.09
CIElCh	84, 17.716, 127.289
Yxy	64.0658, 0.3235, 0.3671
Android (android.graphics.Color)	4291352503 (0xFFC8D7B7)
YUV	206.8670, -11.7664, -6.0224
Hunter-Lab	80.0411, -14.1688, 16.0215

Details

The CIELCh color **84, 17.716, 127.289** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 18.108, 308.675**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **64, 17.538, 127.044** is the 20% darker color. If you saturate the color by 10%, you get **83, 29.578, 126.801**, and if you desaturate by 10%, it is **85, 5.817, 127.773**.

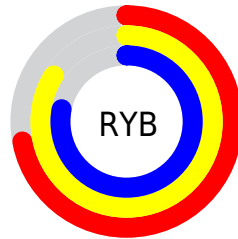
Distribution



Red (78%)

Green (84%)

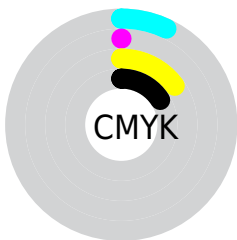
Blue (72%)



Red (72%)

Yellow (84%)

Blue (78%)

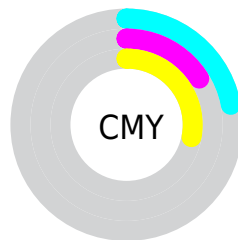


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 17.716, 127.289 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, 17.716, 127.289 by changing the saturation by 10% instead.

 84, 17.716,
127.289

 84, 17.716,
127.289

 100, 17.716,
127.289

 74, 17.716,
127.289


 64, 17.716,
127.289

 54, 17.716,
127.289

 44, 17.716,
127.289

 34, 17.716,
127.289

 24, 17.716,
127.289

 14, 17.716,

127.289

■ 4, 17.716, 127.289

■ 0, 17.716, 127.289

■ 84, 17.716,
127.289

■ 84, 17.716,
127.289

■ 83, 29.578,
126.801

■ 85, 5.817, 127.773

■ 82, 41.285,
126.309

■ 87, 6.047, 308.173

■ 81, 52.676,
125.844

■ 88, 17.818,
308.589

■ 80, 63.516,
125.457

■ 89, 22.858,
314.020

■ 79, 73.464,

■ 90, 24.368,
321.771

125.223

90, 25.270,
325.305

79, 82.065,
125.249

78, 88.800,
125.662

78, 93.300,
126.565

77, 94.973,
127.140

Harmonies

Complementary

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



84, 17.716, 127.289



76, 18.108, 308.675

Rectangle

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



84, 17.716, 127.289



84, 17.716, 177.289



84, 17.716, 307.289



84, 17.716, 357.289

Sweetspot

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



84, 17.718, 127.292



99, 5.453, 127.816



81, 10.256, 69.936



53, 3.877, 127.778



0, 0.000, 0.000



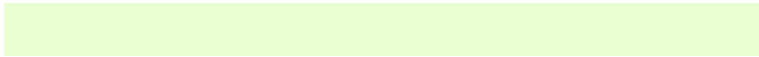
53, 0.007, 296.813

Same Dimension

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



84, 17.718, 127.292



97, 24.607, 127.132



83, 20.453, 142.686



45, 6.730, 127.556



63, 79.921, 126.880



15, 27.469, 127.823

Inverse Universe

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



76, 18.108, 308.675



87, 25.268, 308.846



78, 20.492, 324.322



42, 6.829, 308.398



26, 92.993, 311.277



3, 28.780, 307.201

Previews

White Background



This preview shows how the CIELCh color 84, 17.716, 127.289 looks on a white background.

Color Contrast Check

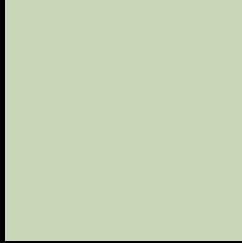
Large Text (above 18pt) WCAG AA × Fail

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, 17.716, 127.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

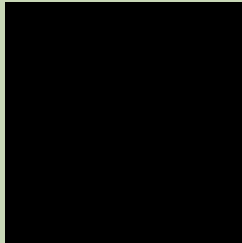
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

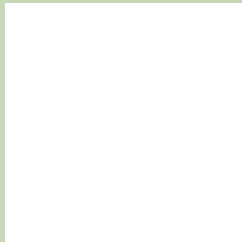
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 17.716, 127.289

Background



This preview shows how black text looks on a background with the CIELCh color 84, 17.716, 127.289.

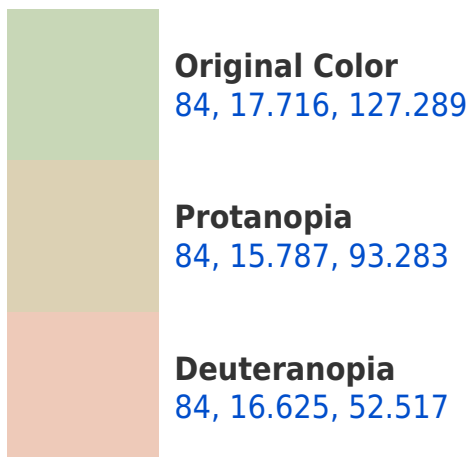


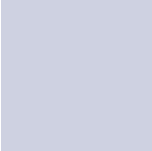
This preview shows how white text looks on a background with the CIELCh color 84, 17.716, 127.289.

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](#).

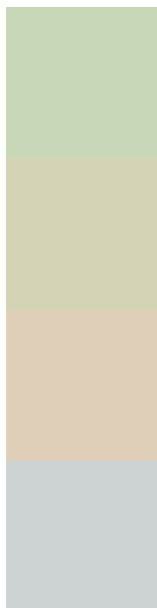
Dichromacy





Tritanopia
84, 8.488, 283.809

Trichromacy



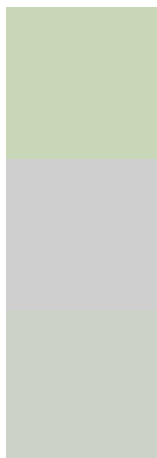
Original Color
84, 17.716, 127.289

Protanomaly
84, 15.733, 106.023

Deuteranomaly
84, 13.739, 80.764

Tritanomaly
84, 2.577, 187.640

Monochromacy



Original Color
84, 17.716, 127.289

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 6.706, 128.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 17.716, 127.289 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(200, 215, 183)` looks like.

```
.text, #text, p{  
    color:rgb(200, 215, 183)  
}
```

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(200, 215, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 215, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 17.716, 127.289 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(200, 215, 183) }
```

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

```
.border{ border-color:rgb(200, 215, 183) }
```

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

Here you see how a box with a 4 pixel rgb(200, 215, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 215, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 215, 183);  
box-shadow:4px 4px 4px 4px rgb(200, 215,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 17.716, 127.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 215, 183) }
```

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

```
.background{ background-color: rgb(200,  
215, 183) }
```

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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