

## The advantages

- No more color correction job at the computer
- No fitting on camera lens, the easiest handling!
- Manual focusing not needed, the fastest measuring!
- Especially effective under complex lighting condition
- Only one CBL lens for all the exchange lenses
- Fits very well in the pocket
- 18% grey back for exposure metering, double functions!
- Water and weather proof for every situation and long life



# CBL™

**INNOVATIVE FULL COLOR  
BALANCE CONTROL SYSTEM**

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The CBL dealer near you:

## COLOR BALANCING WAS NEVER SO EASY AND PRECISE BEFORE!



**Before**  
(Automatic White Balance)



**After**  
(Manual White Balance with CBL Lens)

## No more disappointing poor colors in your digital photos!

## No more waste of time correcting color at the computer afterwards!

***"Best balanced color  
impression!"***

***"Best compensated  
result!"***

Leica Photo Magazine  
LFI, Jan. 2008



## What is CBL Lens?

CBL Lens is an innovative white balance reference measuring device for digital camera. With CBL lens you are guaranteed to get the correct natural true color always in your digital photography.

## Why do I need white balance and CBL lens?

The reproduction of a correct color with a digital camera is the most difficult task of the camera designers.

Because a digital camera alone cannot judge the surrounding lighting condition by itself, saving the image with correct color of the subject without manual color balance (or white balance) is not possible.

For this manual white balance job, photographers require very precise and reliable reference measuring device.

With CBL lens it is possible to make the full color balance in the most effective and the simplest way.



Auto White Balance



Manual White Balance with CBL Lens

The above left photo shows the typical problem of the photo taken under AWB (Auto White Balance) mode on a cloudy day. With only 10 seconds of investment for the "CBL Full Color Balance" setting, you are guaranteed to get an image of the historic figure in the accurate natural stone color.



Auto White Balance



Manual White Balance with CBL Lens

It is very difficult to reproduce accurate true colors of a subject under the different artificial lightings. But with the CBL lens it is no problem under any lights! Correct color balance will bring you not only the correct color but also the better contrast up to the smallest details.

## The applications

- Ambitious amateurs and hobby photography
- Professional and commercial photography
- Nature and scientific documentation
- Studio photography for portraits, wedding, mode etc.
- Close up photography for selling products, cooking, jewels etc.
- Dental pictures (for example tooth color comparison and archiving)
- Anywhere the true color plays an important role!

## How does it work?

It is not needed to attach the CBL lens to the camera lens for measuring.

The CBL lens should be held at an arm length from the camera to collect surrounding and distant lights and to make a reference photo.

After taking a picture of the CBL lens, it is saved as a new Custom White Balance reference value from the camera's manual white balance menu. That is all!



## Innovative Technique

The patented unique construction of the prisms, grooves and the condense lens together guarantee perfect and homogeneous reflection of the whole spectrum of falling light back into the camera sensor. It will not miss to catch any slight lights from surroundings and distances. The grey back side surface guarantees the precise 18% reflection in all spectrum. The result is a perfect balanced reference measuring in every situation.

The CBL lens are delivered in 3 different sizes.



**85mm:** The standard format for professionals and serious amateurs. The compact size makes it easy to keep and carry in a pocket or camera bag.

**110mm:** This size covers most of the focal lengths from wide to tele lenses. It is very good for the photographers who use many different exchange lenses.

**220mm:** This format is designed for HD video cameras. It is used in the film making or broadcasting video shootings.

Please refer to the dealer near you for the correct format for your application.