

COLOR checker®

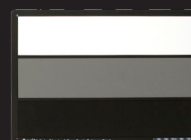
Product Line Comparison



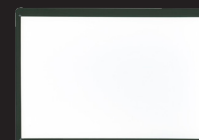
Passport



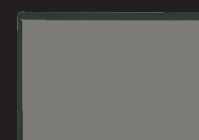
Classic



Grayscale



White Balance



Gray Balance



Digital SG



ColorChecker Passport

RAW Color Power for Control and Creativity – from Capture to Edit.

ColorChecker Passport combines 3 photographic targets into one pocket size protective case that self-stands to adjust to any scene. Combining the powerful color capabilities of the ColorChecker Passport and Adobe Imaging solutions into your RAW workflow will undeniably reduce your image processing time and improve quality control. Quickly and easily capture accurate color, instantly enhance portraits and landscapes and maintain color control and consistency *from capture to edit*.



ColorChecker Classic

The ColorChecker Classic target is designed to deliver true-to-life image reproduction so photographers can predict and control how color will look under any illumination. Each of the 24 colors represents the actual color of natural objects and reflects light just like its real-world counterpart. ColorChecker Classic targets support custom DNG profile creation. Available in both full and mini sizes.



ColorChecker White Balance

The ColorChecker Custom White Balance target delivers accurate white reproduction. As lighting conditions change, your camera shifts the way it reproduces white; resulting in color shifts in your photos. Most white balance targets aren't neutral and could cause colors to shift under different lighting conditions. But the ColorChecker Custom White Balance target is a scientifically engineered, neutral white reference that prevents color shifts and provides precise, uniform surface that is spectrally neutral – in any lighting condition. That means you can be confident your camera's image is as close to real life as possible. Available in both full and mini sizes.



ColorChecker Grayscale

The ColorChecker 3-Step Grayscale lets you balance your images, plus simplifies the task of balancing your studio lighting. A white, 18% gray and a black target all on a single card make color adjustments faster and easier with your photo processing software. On site, use it as the first reference shot in a series to instantly correct image color by balancing on the mid-tone gray value. In the studio, use it to evaluate exposure and balance between main and fill lights to quickly set up the proper lighting ratio, and to set white balance. Available in both full and mini sizes.



ColorChecker Gray Balance

Not only helpful for exposure spot metering, the ColorChecker Gray Balance target will also help you obtain instant gray balance, evaluate studio lighting and make quick color adjustments. It's a pocket size version of the 18% gray reference square in the standard ColorChecker Classic. The gray is scientifically engineered to provide a precise uniform surface that is spectrally neutral, meaning it reflects equal amounts of red, blue and green in all types of light conditions.



ColorChecker Digital SG

Obtain the widest color gamut available! Nothing optimizes the power of your digital camera like the ColorChecker Digital SG (semi-gloss). It's the original ColorChecker target, enhanced for digital photography. ColorChecker Digital SG is designed to support custom ICC camera profile creation in i1XTreme, ProfileMaker 5 Platinum and MonacoPROFILER Platinum software.



Passport



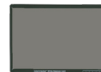
Classic



Grayscale



White Balance



Gray Balance



Digital SG

Use For

	Passport	Classic	Grayscale	White Balance	Gray Balance	Digital SG	
In-Camera Custom White Balance	Yes	No	Yes	Yes	Yes	No	In-camera white balance can be performed using any neutral object. X-Rite Gray Balance and White Balance cards are optimized for spectral neutrality. White balance cards eliminates color casts, improves the color preview on your camera's display so your histograms are more reliable and makes post production color editing faster and easier.
Software White Balance	Yes	Yes	Yes	Yes	Yes	Yes	Requires a Raw processing application that support click-white balance.
Exposure: Setting & Verification	Yes	Yes	Yes	No	No	Yes	ColorChecker Passport extends the exposure verification possibilities of other targets, but includes 4 1/3rd EV stop highlight patches, 3 1/3rd EV stop shadow patches and 1 1/10th EV stop black patch enabling detailed analysis of highlight and shadow detail. All other targets provide verification capabilities, while the Gray Balance Target is ideal to set exposure when spot metering.
DNG Profile Creation	Yes	Yes	No	No	No	No	Use the Classic Target with the ColorChecker Passport camera calibration Lightroom® Plug-In or desktop application to automatically create a DNG profile of your camera's response to the scene. You'll get consistent and repeatable results from image to image and camera to camera. Classic Target is also fully compatible with Adobe® DNG Editor.
ICC Profile Creation	No	No	No	No	No	Yes	ColorChecker Digital SG supports ICC Camera profiles when used with i1XTreme, ProfileMaker 5 Platinum and MonacoPROFILER Platinum software (sold separately).
White Balance Enhancement	Yes	No	No	No	No	No	With the Enhancement Target you can creatively refine the color of your images with just a few clicks. Add warmth to skin tones. Boost the deep greens or blues in a landscape.
Color Reference	Yes	Yes	Yes	No	No	Yes	Check and control color shifting. ColorChecker Passport extends color reference with the 8 spectrum patches that relate easily to HSL controls in popular image editing software. In addition, use the ColorChecker Classic as a visual reference to evaluate the color of each patch which reflects light just like its real world counterpart.

Target Features

# of Targets Included	3	1	1	1	1	1	ColorChecker Passport includes White Balance; Classic and Creative Enhancement Targets. All other targets are single purpose.
Camera Calibration Software Included	Yes	No	No	No	No	No	ColorChecker Passport includes both a desktop application and an Adobe® Lightroom® Plug-In for creating custom DNG profiles. Digital SG compatible with i1Match, ProfileMaker and MonacoPROFILER digital camera modules (each sold separately).
Protective Case	Yes	Yes (mini)	No	No	No	No	ColorChecker Passport includes portable protective hard case. ColorChecker Classic Mini includes protective plastic sleeve.
Lanyard	Yes	No	No	No	No	No	Integrated lanyard connector keeps theColorChecker Passport conveniently within reach.
Multiple Sizes	No	Yes	Yes	Yes	No	No	ColorCheckerClassic, White Balance and Grayscale Targets are available in both full and mini sizes. ColorChecker Passport is available in portable pocket size. ColorChecker Gray Balance is available in mini size.
Scene Adjustable	Yes	No	No	No	No	No	ColorChecker Passport adjusts to multiple angles and is self-standing to adjust to any scene.

COLORCHECKER®



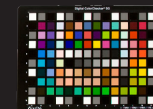
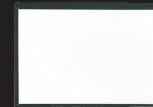
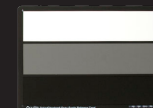
ColorChecker® Targets

X-Rite ColorChecker Series Targets are the professional photographer's reference to ensure predictable standards under every lighting condition. Capture accurate colors from the beginning to minimize tedious trial and error color adjustments and achieve true-to-life color.

Whether working with film or in a digital workflow, you can rely on X-Rite ColorChecker products to optimize the power of your camera and ensure accurate color reproduction.

- Manage color fidelity
- Expedite correction of tonal range
- Perfect gray balance, even in blended lighting
- Ensure color expectations can be managed
- Creatively enhance your colors

Capture real life color with an X-Rite ColorChecker. **Which one is right for you?**



X-RITE WORLD HEADQUARTERS

Grand Rapids, Michigan USA • (800) 248-9748 • +1 616 803 2100 • xritephoto.com

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