

Recommended ACES Workflow

ACES (Academy Color Encoding System) is a color image encoding system in the film industry through which the color compatibility between different cameras can be better compatible. The guide takes an Apple ProRes 422 HQ D-Log video as an example to provide instructions on how to use the ACES workflow using video editing software, such as DaVinci Resolve.

Workflow

1. Import an Apple ProRes 422 HQ D-Log video to the editing software and add the video to the timeline. Click Color and create nodes for the video.



2. Click Effects in the upper right corner. Select DCTL, * then click and hold to drag and drop it on the first node. Select DLog_DGAmut_to_ACES_APO in DCTL List. This step transforms the video from D-Log to linear APO color space in ACES.

* It is required to load the DJI DCTL file first, read the [DJI DCTL File Loading Steps](#) section for more information.



- Click Effects in the upper right corner. Select ACES, then click and hold to drag and drop it on the second node. Select ACES 1.3 in ACES version. Select No Input Transform in Input Transform. Select ACEScct-CSC* in Output Transform. This step transforms the video from linear APO color space to API log color space. The user can adjust the brightness and color of the video in API color space.

* Users can also select ACEScc-CSC or ACEScg-CSC in Output Transform, if needed.

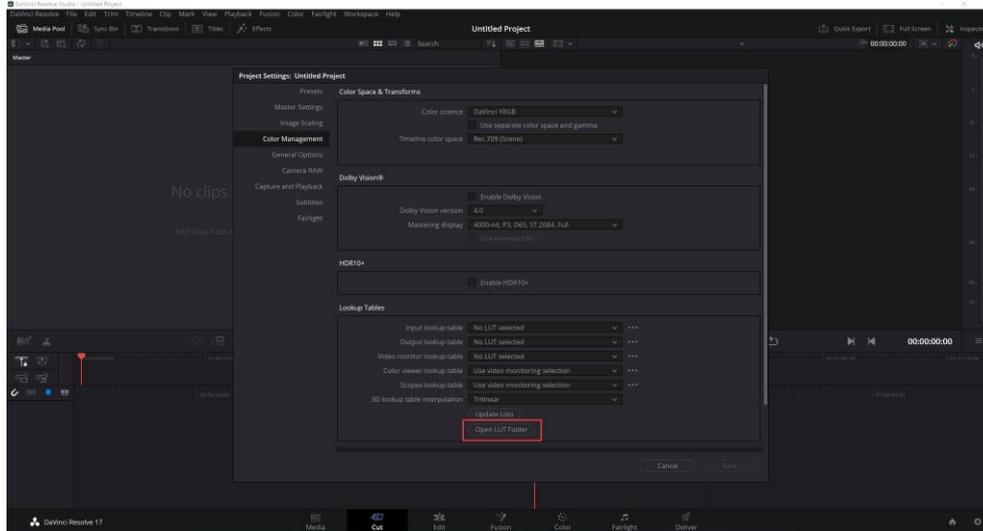


- After the color adjustment is completed, the user can continue to use ACES on subsequent nodes to transform the video to RRT or other color spaces. Here we take the transformation to Rec.709 as an example. Click Effects in the upper right corner. Select ACES, then click and hold to drag and drop it on the subsequent node. Select ACES 1.3 in ACES version. Select ACEScct-CSC in Input Transform. Select Rec.709 in Output Transform. This step transforms the video from API color space to Rec.709 color space, so as to facilitate subsequent video export.



DJI DCTL File Loading Steps

1. Open DaVinci Resolve, click the Project Settings icon in the lower right corner, select Color Management in the Project Settings pop-up, and click Open LUT Folder.



2. In the opened folder, create a new folder and rename the folder name to DCTL, and place the DJI DCTL file named Dlog_DGamut_to_ACES_APO.dctl into the DCTL folder. Restart Davinci Resolve for the DCTL to take effect.