

Impactful
Black and White Photography
Processing and Printing
Convert with LR and Print to Epson

August 8, 2024

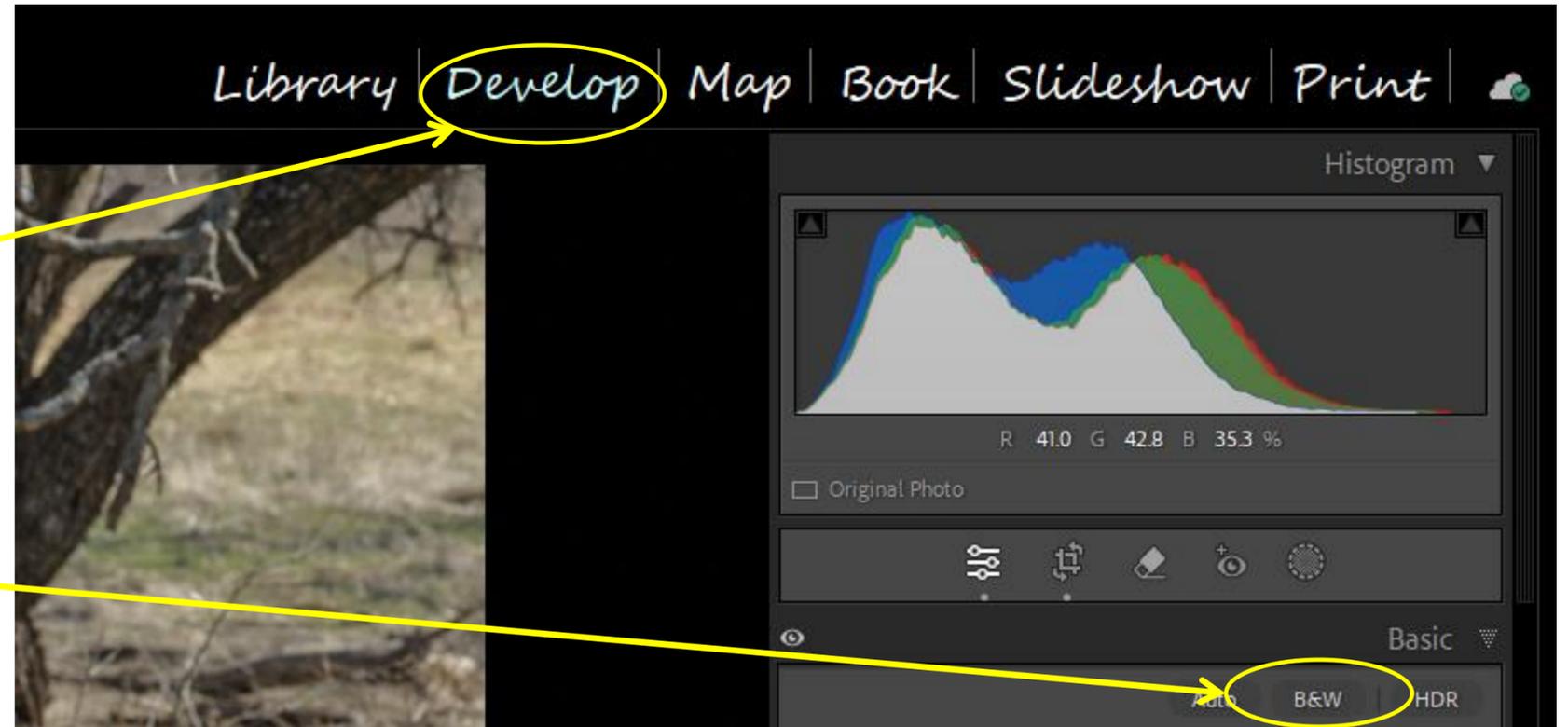
Dennis Fritsche

Converting a Color Image to Black and White

- **In Lightroom or Photoshop (for example) use the convert to B&W command**
 - **Adjust color relationships with the color mixer**
- Some very successful B&W photographers simply desaturate all the colors and don't adjust the color relationships.
- Use a special program such a Nik Filters Silverefex Pro.

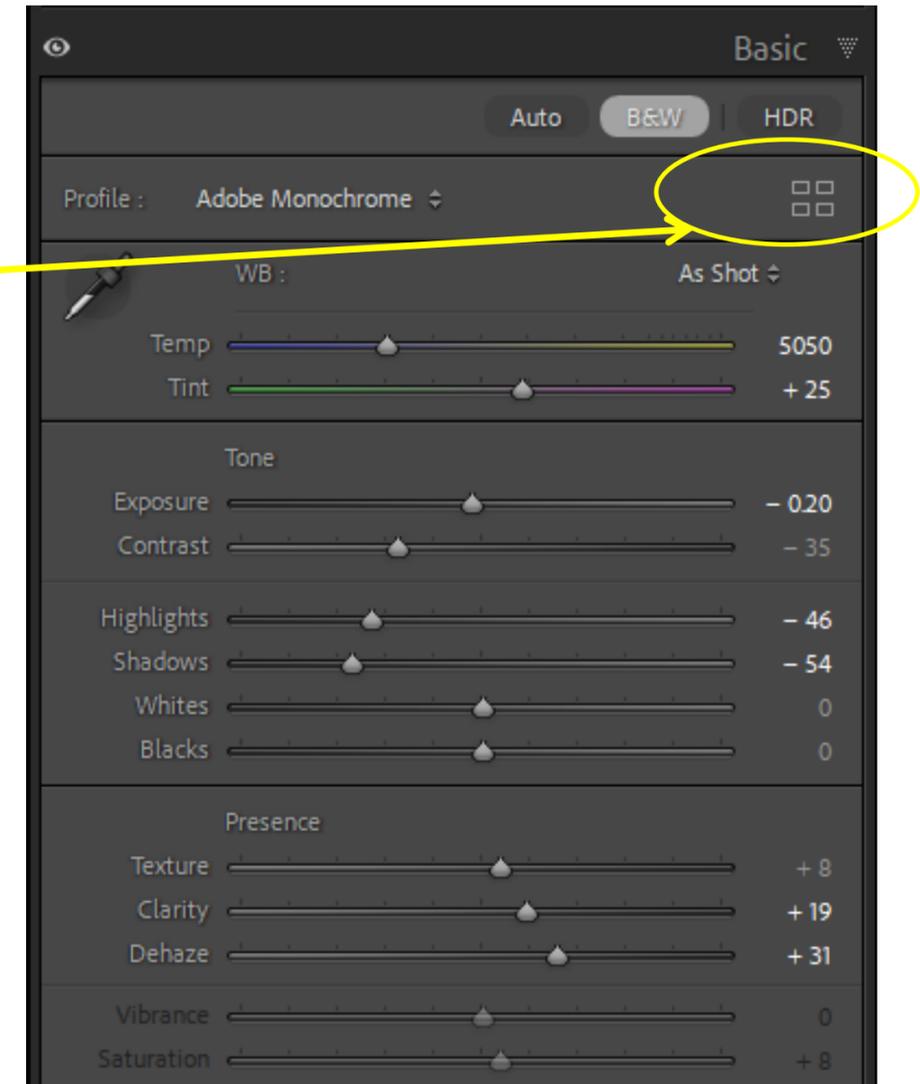
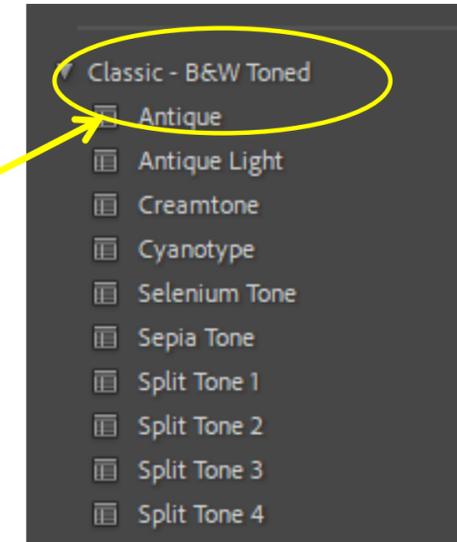
Lightroom Conversion

- Develop Module
- Choose B&W Treatment (note: this selects Profile as Adobe Monochrome)
- Go to the B&W Panel
- Try Auto
- Double click B&W Mix to Reset
- Move individual sliders to change tonality for that color
- Or Adjust area on the image and LR chooses what colors are in that area.
- Repeat until basic tonalities are where you want them.



Lightroom Conversion Presets and Profiles

- Adobe also provides some presents for toning. (Left panel under Presets)
- Develop Module
- Choose B&W Treatment
- Open Profile Browser
- Adobe provides a number of monochrome profile options. Hover over the options to see the effect and if one suits your vision for this image.
- There also many people willing to sell you presets and profiles.



Lightroom Conversion - Profiles

- Adobe provides a number of conversion options. Hover over the options to see the effect and if one suits your vision for this image.



- In the Camera Matching Section, there are selections that match the *picture control* options for your camera.
- If you shoot with a monochrome option in camera, you can match it.

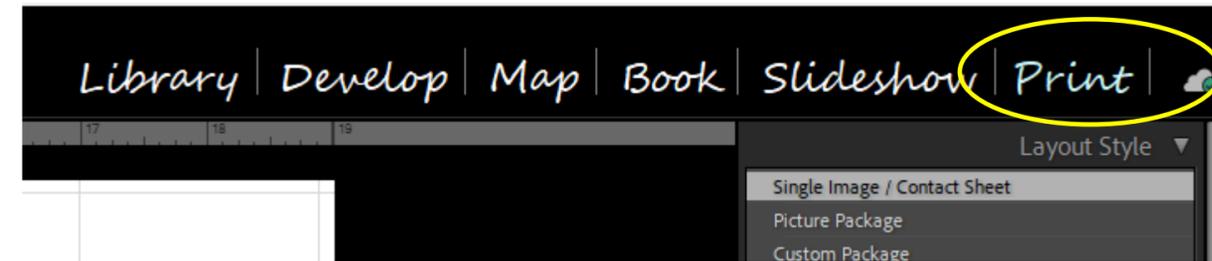


Print from Lightroom to Epson Printer Using Epson ABW

- My current printer is an Epson P900 (currently in the shop). All Epson wide-format printers will be similar.
- The printer and Lightroom must be correctly configured.
- When printing color or a toned image, I use the icc profile the paper manufacturer provides for the specific printer and paper.
- If I use the profile when printing neutral (true black and white), the result may be a print with an unwanted cyan or magenta tone.
- When I print neutral B&W, I use the printer's ABW – Advanced B&W mode.
- Note: Some profiles may not produce a tone, so give it a try. One can also purchase custom icc profiles specifically for B&W.

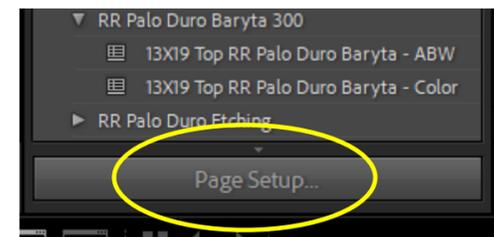
Configure the Printer for ABW

Go to the Print Module

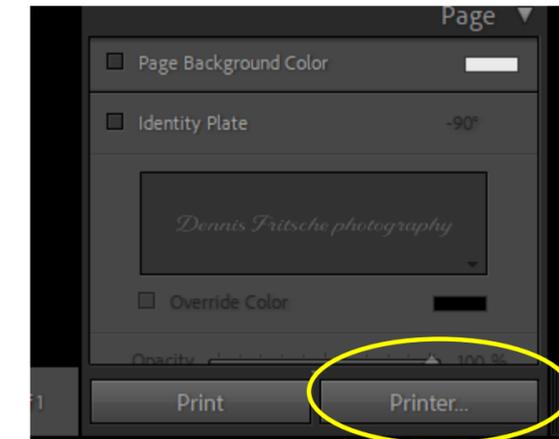


Click either "Page Setup" or "Printer"
To open the Printer Setup Pop UP

Bottom of Left Panel



Bottom of Right Panel



Choose the Printer

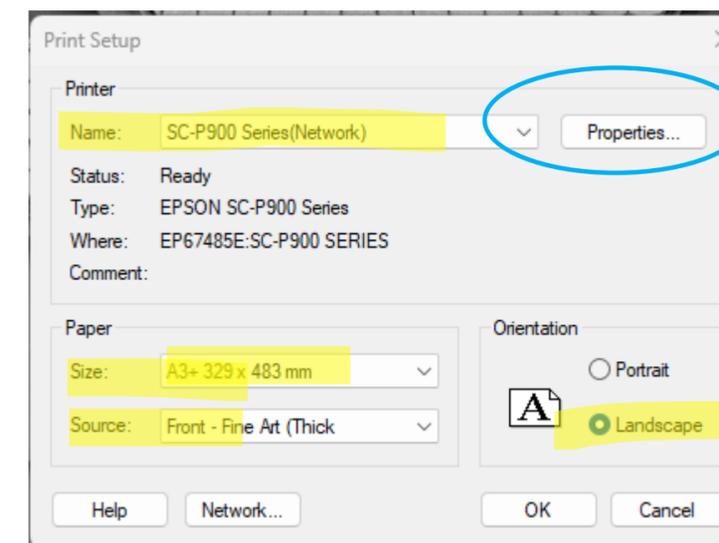
Select Paper:

Size

Source

Orientation

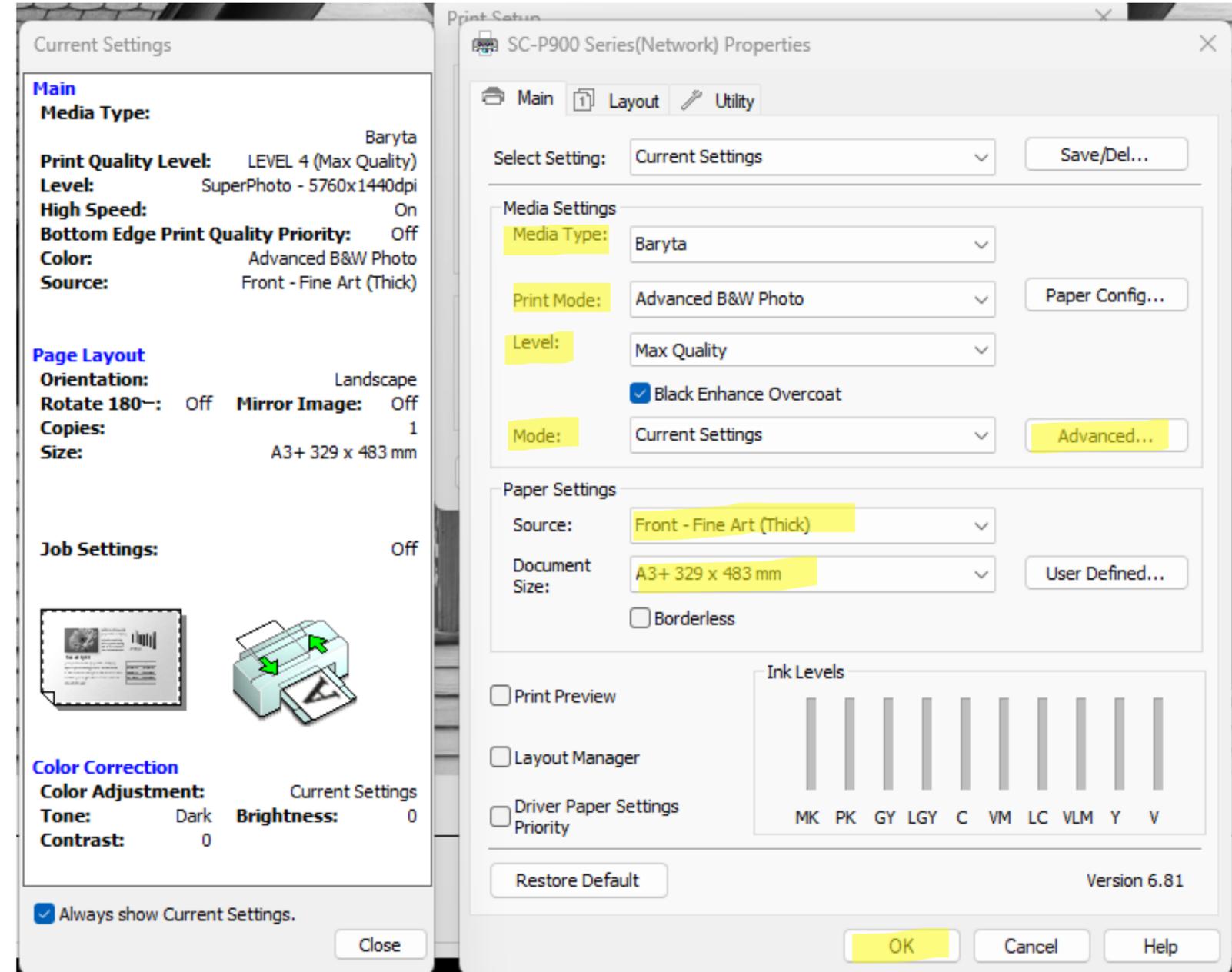
Then click "Properties" to bring up the Print Dialog



Configure the Printer for ABW

Configure the Printer Properties

- Choose *Media Type* per the paper manufacturers instructions
- Set *Print Mode* to *Advanced B&W Photo*
- Set *Level* per personal preference or paper manufacturers instructions
- Set *Mode* to
 - *Neutral*
 - *Warm*
 - *Cool*
 - *Sepia*
 - (These can be fine tuned in *Advanced*)
- *Finish by clicking OK*



Configure Lightroom to Print ABW

On the right panel of the Print Module

- Choose *Single Image/Contact Sheet*
- Choose *Rotate to Fit (Zoom to Fill Off)*
- *Margins* are default for printer
- *Page Grid 1 Row and 1 Column*
- Set the *Cell Size* to size of the desired print.

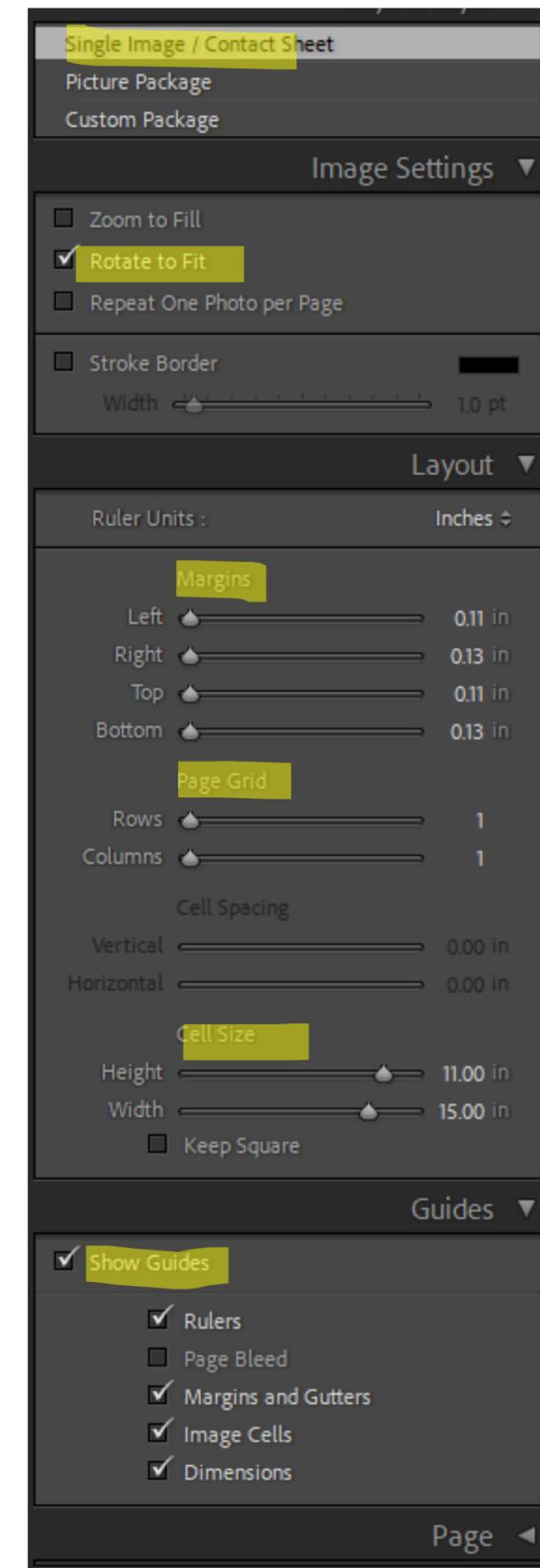
This is a little tricky and confusing. If your print and cell size aspects are not the same, the image size will stay with the cell but one or the other dimensions will not fill the cell.

I set mine to 15 x 11 to accommodate the two aspect ratios I use.

Native 3:2 gives a 15 X 10 Print (Width maxed out first)

Cropped 11:14 gives a 14 X 11 Print (Height maxed out first)

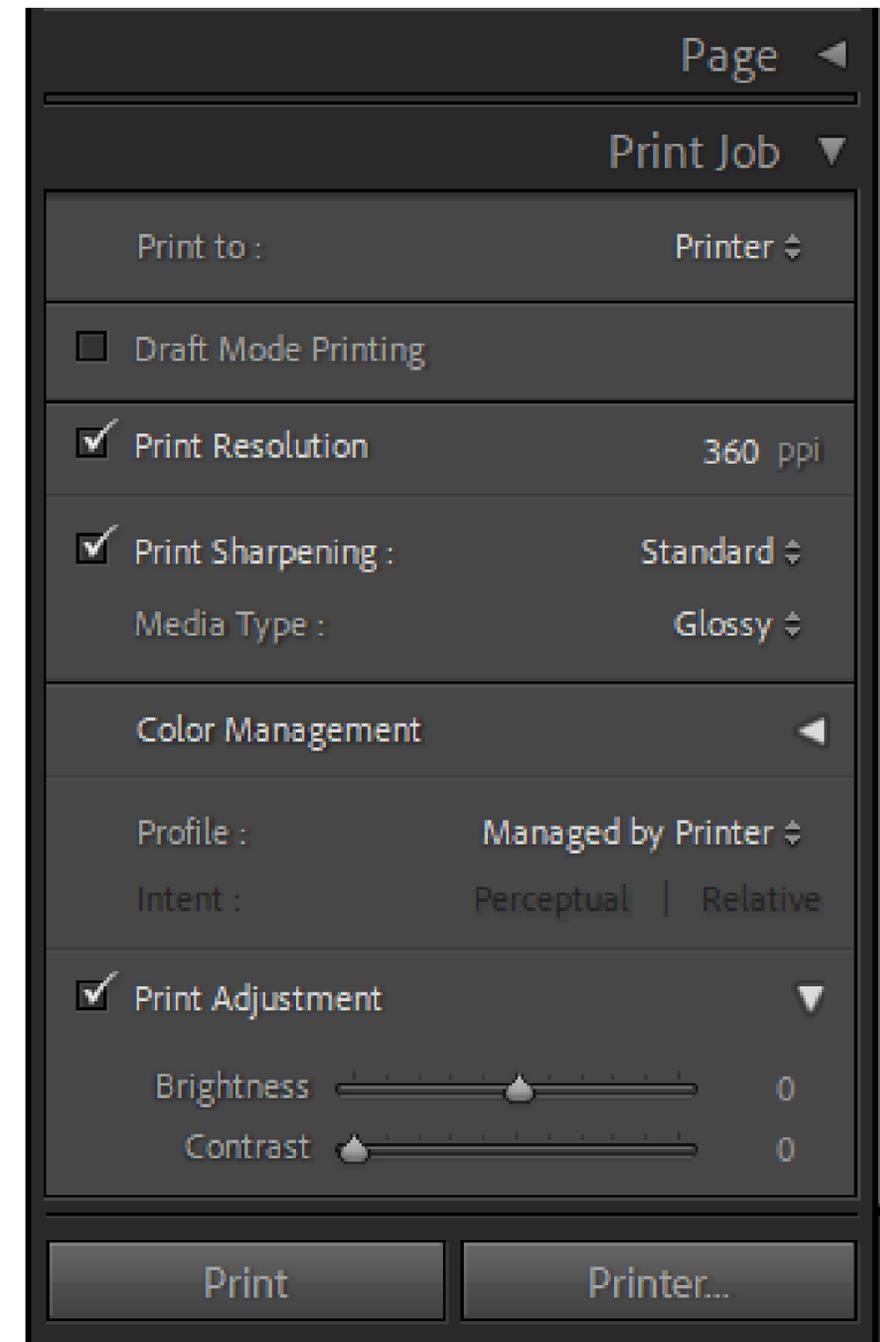
- Show Guides helps visualize the print on the paper.



Configure Lightroom to Print ABW

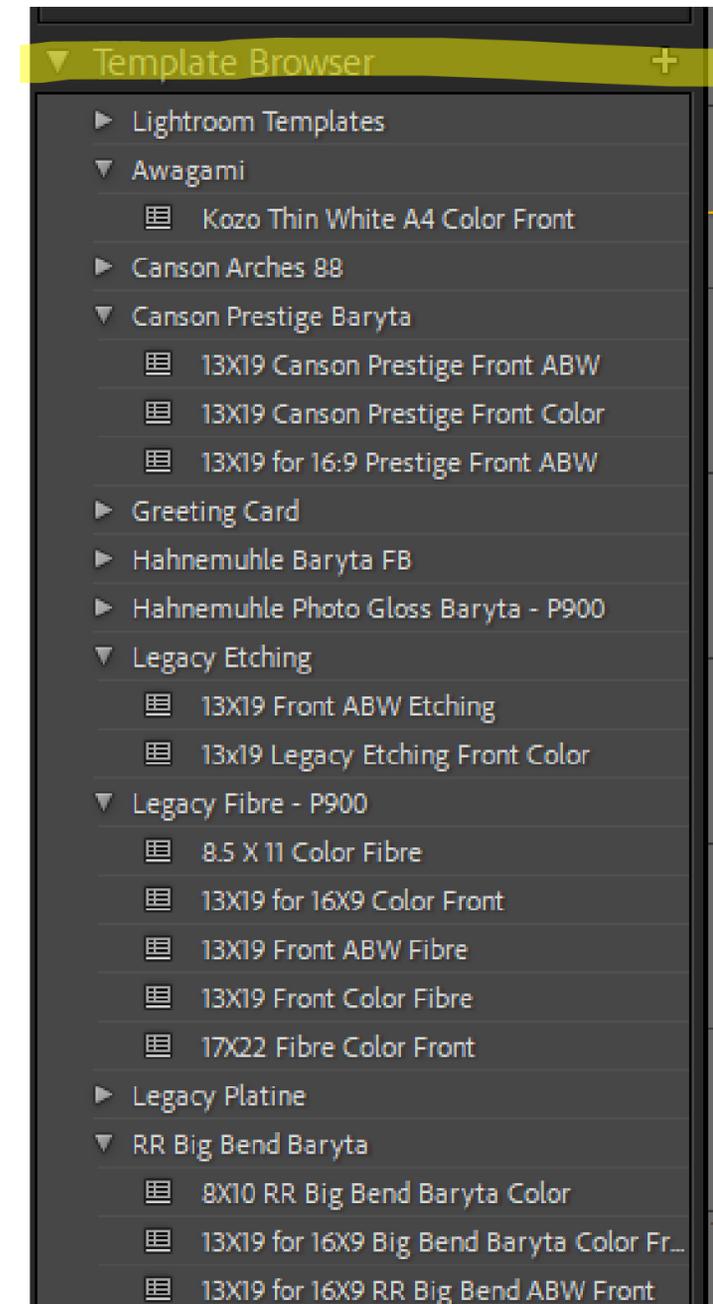
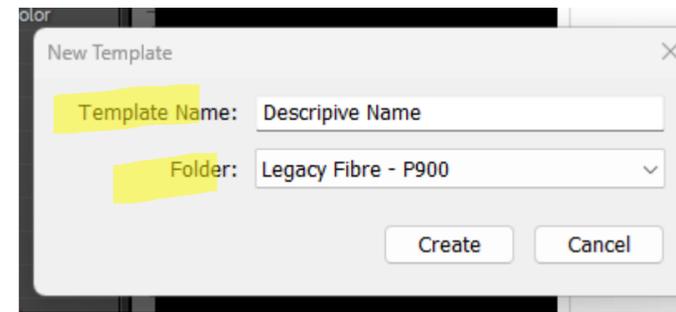
Configure the Print Job

- *Print to: Printer*
- Print Resolution: 360 ppi for Epson
- Print Sharpening: Standard
My choice but can also choose Low and High
- *Color Management*
- *Profile: Managed by Printer*
- *Print Adjustments*
Set Brightness and Contrast if the prints are consistently off.
- Load Paper and Click *Print*



Time Saver Presets

- Now that the printer and Lightroom are configured for this printer, paper, and mode - create a Preset.
- Next time you want a B&W on this paper, just click the present and the printer and Lightroom are ready to go.
- On the left panel of the Print Module, click the “+” to call up the New Template dialog
- Give it a *Descriptive Name* and put in a *Folder* if desired.
- I have *Folders* for different papers
- My *Descriptive Name* contains paper, paper size, paper path, and color or ABW



Demonstration