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

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### 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.

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## 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.



- can match it.

• 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



## Print from Lightroom to Epson Printer Using Epson ABW

- My current printer is an Epson P900 (currently in the shop). All Epson wideformat 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

Choose the Printer Select Paper: Size Source Orientation

Then click "Properties" to bring up the Print Dialog





### Bottom of Left Panel

### alo Duro Baryta 300 13X19 Top RR Palo Duro Baryta - ABW 13X19 Top RR Palo Duro Baryta - Color Palo Duro Etching Page Setup...

### Bottom of Right Panel



Print Setup				×
Printer			-	
Name:	SC-P900 Series(Network	()		Properties
Status: Type: Where: Comment:	Ready EPSON SC-P900 Series EP67485E:SC-P900 SEF	RIES		
Paper			Orientatio	n
Size:	A3+ 329 x 483 mm	~		⊖ Portrait
Source:	Front - Fine Art (Thick	~	A	Landscape
Help	Network		ОК	Cancel

## 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

Main Media Type:		🗇 Main 🗊 L	ayout 🥕 Utility
Print Quality Level: Li Level: SuperPl	Baryta EVEL 4 (Max Quality) hoto - 5760x1440dpi	Select Setting:	Current Settings ~ Save/Del
High Speed: Bottom Edge Print Qualit Color: A Source: Fr	On <b>cy Priority:</b> Off dvanced B&W Photo ont - Fine Art (Thick)	Media Settings Media Type: Print Mode:	Baryta ~ Advanced B&W Photo ~ Paper Config
Page Layout Orientation: Rotate 180–: Off Mi	Landscape rror Image: Off	Level:	Max Quality ~ Black Enhance Overcoat
Size:	A3+ 329 x 483 mm	Paper Settings	Current Settings ~ Advanced
Job Settings:	Off	Source: Document Size:	Front - Fine Art (Thick)       ~         A3+ 329 x 483 mm       ~         Borderless
E Constanting of the second se		Print Preview	Ink Levels
Color Correction Color Adjustment: Tone: Dark Bri Contrast: 0	Current Settings ghtness: 0	Layout Manage     Driver Paper 3     Priority	Settings MK PK GY LGY C VM LC VLM Y V
		Restore Defa	Version 6

## **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  $\bullet$
- Page Grid 1 Row and 1 Column
- Set the *Cell Size* to size of the desired print.  $\bullet$

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.

Single Image / Contact Sheet				
Picture Package				
Custom Package				
Image S	Settings 🔻			
Zoom to Fill				
Rotate to Fit				
Repeat One Photo per Page				
Stroke Border	_			
Width	→ 10 pt			
main 4				
	Layout 🔻			
Ruler Units :	Inches ¢			
Margins				
Left 📥	<b>— 0.11</b> in			
Right 📥	— 0.13 in			
Тор 📥	— 0.11 in			
Bottom 📥	— 0.13 in			
Page Grid				
Rows 📥	- 1			
Columns 📥	- 1			
Cell Spacing				
Vertical	⇒ 0.00 in			
Horizontal	⇒ 0.00 in			
Height	— 11.00 in			
Width	= 15.00 in			
Keep Square				
	Guides ▼			
Show Guides				
✔ Rulers				
Page Bleed				
<ul> <li>Margins and Gutters</li> </ul>				
🗹 Image Cells				
Dimensions				
	Page 4			
	1080 1			

## **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 •

		Page ◀
		Print Job 🔻
	Print to :	Printer \$
	Draft Mode Printing	
<b>√</b>	Print Resolution	<b>360</b> ppi
•	Print Sharpening : Media Type :	Standard ≎ Glossy ≎
	Color Management	<
	Profile : Intent :	Managed by Printer \$ Perceptual   Relative
V	Print Adjustment Brightness Contrast 📥	▼
	Print	Printer

### **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

New Template		×
Template Name:	Descripive Name	
Folder:	Legacy Fibre - P900	~
	Create	Cancel

Tem	plate	Browsei

- Lightroom Templates
- Awagami
  - Kozo Thin White A4 Color Front
- Canson Arches 88
- Canson Prestige Baryta
  - I3X19 Canson Prestige Front ABW
  - I3X19 Canson Prestige Front Color
  - 国 13X19 for 16:9 Prestige Front ABW
- Greeting Card
- Hahnemuhle Baryta FB
- Hahnemuhle Photo Gloss Baryta P900
- Legacy Etching
  - 旦 13X19 Front ABW Etching
  - 13x19 Legacy Etching Front Color
- Legacy Fibre P900
  - 里 8.5 X 11 Color Fibre
  - 国 13X19 for 16X9 Color Front
  - 旦 13X19 Front ABW Fibre
  - 旦 13X19 Front Color Fibre
  - 旦 17X22 Fibre Color Front
- Legacy Platine
- RR Big Bend Baryta
  - 8X10 RR Big Bend Baryta Color
  - 旦 13X19 for 16X9 Big Bend Baryta Color Fr...
  - □ 13X19 for 16X9 RR Big Bend ABW Front

## Demonstration