



Colour Systems  
I n c o r p o r a t e d

## Fine Printing Since 1987 - Inkjet • Indigo • Litho

At our inkjet print labs, we provide high quality, **High Gamut Pigment Inkjet Printing** services. Colour Systems has a wealth of experience in fine printing and offers a wide range of services including lithographic and digital sheet fed printing, grand format printing and high quality, fine art, **High Gamut Pigment Inkjet Prints** at very fair and affordable prices.

The following information specifically refers to our inkjet print labs where we provide high quality, **High Gamut Pigment Inkjet Printing** services for photographers, artists, museums, galleries and the public.

**Our workflow is colour managed** because a colour managed workflow is the only way to achieve consistent, accurate, predictable and repeatable colour. Please see more information on pages 2 and 3.

**Pigment Inkjet Prints:** are made with professional Epson printers using high quality Epson high gamut Ultrachrome HDR and HDX inks and 16 bit printing at the highest resolutions to achieve unsurpassed and extremely rich, vibrant colour with smooth tonal gradations and balanced neutrals on high quality photographic and fine art papers for excellent permanence. All prints are made through our custom profiles for optimum quality and accuracy. We create highly appealing and enduring prints.

**A Few of Our Print Lab Tools:** Epson SureColor P5000, Pro4900, Pro7900, Pro7800 and Pro9900 all using high quality Epson Ultrachrome K3, HDR and HDX Inks. Print profiling and calibration are done using X-Rite i1Isis and X-Rite DTP70 scanning spectrophotometers, X-Rite densitometers and GTI D50 Viewing Booths. Some additional systems include HP Indigo, Creo Scitex, Heidelberg and ColorBurst RIPs.

**Colour Balance in Print:** The achievement of achromatic gray balance with colour inks has been a basic requirement of our lithographic offset presses for many years before inkjet print technology was invented. From its inception, we have worked with inkjet technology and its manufacturers to achieve unsurpassed image balance and fidelity. We create stunning prints with balanced neutrals, smooth tonal transitions and crystal brilliant colour.

**Contact:** By appointment, between the hours of 12:00 pm to 7:00 pm, please contact **Paul Schillinger** directly for assistance with your **High Gamut Pigment Inkjet Printing** requirements. The quickest method is by email to [paul-s@coloursystemsinc.com](mailto:paul-s@coloursystemsinc.com) or cell: **416-726-9876**. Please see Pg.2 for instructions on sending your files. Your prints can be picked up at our downtown lab near Ryerson.

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**Fine Printing Since 1987 - Litho • Indigo • Inkjet**  
**Pricing for Proofs and Fine Art Pigment Prints for Display**

Print Size:	Basic M/R Proofs	Print H/R Monitored	Pigment Prints on High End Papers	Maximum Image Size:	Max. Pixels @360 ppi:
8.5" x 11"	\$3	\$8	\$10	8" x 10"	2880 x 3600
11" x 17"	\$8	\$15	\$20	10" x 15"	3600 x 5400
17" x 22"	\$16	\$30	\$40	16" x 20"	5760 x 7200
20" x 24"	\$25	\$40	\$50	19" x 22"	6840 x 7920
20" x 30"	\$35	\$50	\$60	19" x 28"	6840 x 10080
24" x 30"	\$40	\$60	\$70	23" x 28"	8280 x 10080
24" x 36"	\$55	\$70	\$85	23" x 34"	8280 x 12240

Pricing is subject to change without notice

**Based on 360 ppi**

**Price Calculation:** As a guide to determine your correct print size, prepare your image to its final size. Then, choose a print paper size from the list above which best accommodates the resulting image dimensions while making sure that those dimensions do not exceed the **Maximum Image Size** or **Maximum Pixels** lists above. **Example:** If your image is 16" x 20" or 5760 x 7200 pixels at a print resolution of 360 ppi then the required print size would be 17" x 22".

**Turnaround:** 1-2 business Days; Rush charge add 25%; **Retouching:** \$60/hr (1/4 hr. Min.) **Special Trimming:** \$4; We make every effort to use sheets versus rolls whenever possible and where available.

**Basic Print:** **Epson:** Lustre, Semi-Gloss (170gsm), Gloss (255gsm), or Premium Presentation Matte Paper (192gsm)

**High Resolution Monitored:** **Epson:** Hot Press Bright, Hot Press Natural (UltraSmooth), Cold Press Natural, Cold Press Bright, Velvet Fine Art, Premium Semi-Matte Photo, Exhibition Fiber; **Canson:** Infinity Baryta Photographique 310gsm, Infinity Premium Photo Satin; **Metallic:** Kodak 255gsm, Polar Pearl 305gsm; **Ilford Galerie Prestige:** Smooth Pearl 310 gsm, Gold Fibre Silk 315 gsm.

**Pigment Prints on Higher End Papers:** **Hahnemuhle Fine Art:** Photo Rag Pearl, Photo Rag Bright White, Photo Rag Baryta, William Turner, Bamboo, Museum Etching, Torchon. **MOAB:** Somerset Museum Rag 300gsm. **Harman:** Gloss Baryta 320gsm. **Epson:** Legacy Series F.A., Somerset Velvet F.A., Exhibition Canvas Satin;

**Colour Management:** Colour will be accurate to our screen display **ONLY** if files were prepared using a properly calibrated monitor and following correct soft proofing procedures. We strongly urge you to calibrate your monitor using a proper calibrator such as an X-Rite i1Display Pro or Datacolor Spyder Elite. Adobe RGB 1998 or sRGB profiles are accepted. ProPhoto RGB is preferred for colour work. Our default profile for images without embedded profiles is Adobe RGB. Some clipping will occur with all profiles, depending upon your choice of paper. CMYK files can be RIPped and printed.

Our monitors are calibrated regularly with X-Rite i1Pro2 calibrators. Our printers are calibrated religiously with X-Rite i1Isis Spectrophotometers. We generate our own superior profiles for all papers on which we print. We also offer custom profiles to those who wish to create their own fine prints. Details and pricing upon request.

**Image Resolution:** should be at a minimum of 240 ppi. But, **360ppi is recommended** provided that no image interpolation (especially from enlargement) was required to achieve it.

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**Upload Your Files:** Use **Drop Box, You Send It, We Transfer, Google Drive** or any file sharing service. Or FTP to our servers using an ftp client utility such as **Filezilla** or **Cyberduck** (FREE downloads). Ask Paul for connection info.

**Print Margins:** If you want to have your print trimmed to image edges leaving no paper margins or to specific dimensions, please let us know by written note when submitting your file. An additional charge of \$4 will apply. If margins are not specified, the only margin that will be provided is any unprinted area remaining on the print around the image.

**Display Calibration:** With the exception of a couple of manufacturers, displays are delivered from the factories in conditions which are not in any way suitable for editing photographs in a realistic way or with any accuracy. Also, every display has its own colour signature which will change over time. If the display is not calibrated, you are in a position where you are editing colour, luminance and shadow to an incorrect destination. You can not really know what you are doing. You are editing an image on screen to make it look the way you want it to look but if the screen is not set to a colour calibration standard, you are chasing a moving target in a world of fantasy.

It is not our responsibility to try to achieve in print what an image is imagined to be in the mind of the artist / photographer, especially when it was created with uncalibrated equipment. Instead it is our responsibility to render your images with accuracy of colour and overall luminance values within the maximum constraints of the medium using the best inks on excellent papers made with the finest equipment available and, in doing so, to create highly appealing and enduring prints.

**Viewing Environment:** It is not possible to accurately evaluate images displayed on computer screens against prints which are illuminated by lighting which is substantially different from the display i.e. much warmer, cooler, brighter or darker. Neither a bright, sunny room nor one lit with warm incandescent mood lighting serves one well when evaluating or editing photographs for accuracy in print. Our eyes adapt to the brightest thing in sight. Screen brightness must be set considerably lower than out-of-box factory settings, in order to be low enough to provide a good screen to print match. Surfaces within your view in the area in which you intend to evaluate prints should be as neutral as possible and the lighting should be as close to D50 as possible (5,000 degrees Kelvin with a CRI of 90 or higher). If you are interestin pursuing this, we would be pleased to offer advice.

**Acceptable File Formats:** PSD (PhotoShop), TIFF, JPEG (first generation saved at 100% highest quality) and PDF files for print. The highest quality and most accurate output for printing will come from PSD or TIFF files. Files can be supplied on USB, SD or CF memory cards or uploaded to our servers by **FTP** or **Drop Box** etc.

**Sheets versus Rolls:** We make every effort to use sheets versus rolls for our prints, whenever possible and when available. Not all paper stocks are available in sheets. Most papers are available in rolls.

**Drum Scanning:** We have been making high quality scans and colour separations for fine art photographers and publishers for over 25 years. We have one of the best digital rotary drum laser scanners. This quarter million dollar, German made Hell Chromograph DC-380 has a scanning resolution of 16,980ppi. If you have any transparencies or reflective originals up to 18" x 23" or smaller that you would like to have scanned on the very best scanning technology in existence, we can help.

**Flat Bed Scanning:** We have two **Creo/Scitex** flat bed professional scanners ready to scan any images you may require from hard copy reflective materials such as books, magazines, slides, transparencies or negatives at very high quality and affordable rates.

	10mb	30mb	50mb	100mb	200mb	300mb	500mb	501+mb
<b>Flatbed:</b>	15.00	20.00	30.00	40.00	80.00	100.00	150.00	175.00
<b>Hell Drum:</b>	35.00	40.00	50.00	65.00	110.00	175.00	275.00	350.00