Proposed CIE output linearization for printers and offset machines Printer or offset company Linearization company: <-Measures 1080 user colours and produces PS linarization code realized output options: for user device and paper Company preference (Y/N)? DIN 33872 (CIE?) linearized (Y/N)? Only one option not specified (Y/N)? User printer or offset device For test charts of DIN 33872-1 to -6 see without or with device specific http://farbe.li.tu-berlin.de/A/33872E.html PS linearization code in print output software. Advantages of Output Linearization: - Linear relation between rgb and CIELAB data. User visual test - No loss of visual information for 16 step with output of DIN 33872-X test charts. colour series on different colour devices Agrees the output with the user wishes (Y/N)? - Grey is printed by black only and not by CMY (complete under colour removal), low cost. If No (N) agreement to the user wishes then: Output of reference test chart with 1080 colours. Continues colour change in output (Y/N)? If Yes, then linearization possible and decision: Mail the output to a linearization company. SE381-3