

Input	Output	Input and output media and applications			Technical Report (TR) or Standard	Method & Test: Linearization
		Input media	Output media	Application		
–	–	–	–	Basis	ISO/IEC TR 24705	{ DIN 33866–1 DIN 33872–1
analog	analog	ISO/IEC-file series equally spaced in <i>rgb</i> + ISO/IEC-test chart (hardcopy) series equally spaced in <i>LCh</i> *	Hardcopy	Copier	ISO/IEC 15775	{ DIN 33866–2 JIS X 6933
analog	digital	ISO/IEC-test chart (hardcopy) series equally spaced in <i>Lch</i> *	File	Scanner	ISO/IEC TR 24705	DIN 33866–4
digital	analog	ISO/IEC-test chart (File) series equally spaced in <i>rgb</i>	{ Hardcopy Softcopy	Printer	ISO/IEC TR 24705	{ DIN 33866–3 DIN 33872–2,4
				Display	ISO/IEC TR 24705 ISO 9241–306:2008	{ DIN 33866–5 DIN 33872–2,4

The ISO/IEC-input linearisation method produces an ISO/IEC-file from an ISO/IEC-original scene: Flower motiv with 16 equidistant grey steps, and 14 CIE-test colours according to CIE 13.3

The ISO/IEC-output linearisation method produces from an ISO/IEC-file a linearized display, offset or printer output:

ISO/IEC-input linearisation method				ISO/IEC-output linearisation method			
Input	Output	Application	Technical Report (TR) or Standard	Input	Output media	Application	Technical Report (TR) or Standard
Original scene + CIE colours	ISO/IEC Image File	Reference Image File	ISO/IEC 15775 ISO/IEC TR 24705	ISO/IEC File	Hardcopy	Printer	ISO/IEC TR 19797
				ISO/IEC File	Softcopy	Display	ISO 9241–306:2008 8 viewing conditions
				ISO/IEC File	{ Softcopy Hardcopy Hardcopy	{ Display Offset Printer	{ CIE R8–09:2015 device space + device-independent visual RGB* space