-8		
\sim	http://130.149.60.45/~farbmetrik/AN70/AN70L0N	
\sum	N: no 3D-linearization (OL) in file (F) or PS-startur	p(S), page 1/1
ワカ	Conclusion 31/2007 ISO TC159/SC4/WG2	T T
\mathcal{I}	Ergonomics - Visual Display Requirements	
	Ergonomics - visuai Dispiay Requirements	Proposed CIE output linearization for printers and offset machines
	ISO TC159/SC4/WG2 realizes that the colour spaces CIELAB and CIELUV of CIE Division 1 will soon become	Printer or offset company Linearization company: <
	ISO/CIE standards. In applications we use these CIE colour spaces and device-dependent relative RGB colour	Measures 1080 user colours and produces
	spaces. For users of visual display systems a device-independent RGB colour space is useful. This produces	realized output options:
	via software the elementary hues Red, Green and Blue for the RGB data 100, 010 and 001 and equally spaced	Company preference (Y/N)? for user device and paper
	output in CIE colour spaces for equally spaced RGB input. We recommend that CIE Division 1 study the	DIN 33872 (CIE?) linearized (Y/N)?
	colorimetric definition of such a space, which can be used in visual display applications.	Only one option not specified (Y/N)?
	Remark: We have realized that an example colour space of this type is published in CIE X030:2006, p. 139-144.	
	AN700-1N	User printer or offset device For test charts of DIN 33872-1 to -6 see
		without or with device specific http://www.ps.bam.de/33872E
	At the CIE meeting in Stockholm, June 2008, CIE Division 1 decided to establish the CIE Reportership R1-47	PS linearization code
	Hue Angles of Elementary Colours by Thorstein Seim (Norway) in respose to a request of ISO TC 159	in print output software. Advantages of Output Linearization:
	SC4/WG2 Visual Display Requirements and to present the result at the next CIE meeting in Budapest 2009.	- Linear relation between rgb and CIELAB data.
	The report CIE R1-47:2009 Hue Angles of Elementary Colours	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.
	lists in chapter 3.6 the average CIELAB hue angles 26, 92, 166, and 270 of Miescher, NCS, and the CIE.	Agrees the output with the user wishes (Y/N)? - Grey is printed by black only and not by CMY
		If No (N) agreement to the user wishes then: (complete under colour removal), low cost.
	CIE R1-47 defines the CIELAB hue angles 25 , 92 , 162 and 271 of the CIE test colours no. 9 to 12	Output of reference test chart with 1080 colours.
	according to CIE 13.3 for the four elementary colours R_{e} , Y_{e} , G_{e} , and B_{e} .	Continues colour change in output (Y/N)?
	For the text of the request of ISO TC159/SC4/WG2, the text of the decisions of CIE Division 1, the result,	If Yes, then linearization possible and decision:
	and the free download of CIE R1-47 see the CIE Division 1 web site	Mail the output to a linearization company.
	http://cie.co.at under MINUTES & REPORTS	
	AN700-3	AN701-3
	Resolution Busan 18/2009 of ISO/IEC JTC1/SC28 "Office Equipment"	
	SC28 Review of the AWG recommendation on jn28n1280 (DIN 33872-1 to 6)	Proposed CIE output linearization for display and data projector devices
	The German proposal included the concept of a human visual RGB. SC28 recognizes the importance of correct	Display or data projector company: Linearization company: <
	understanding of the human visual system and the potential importance and application of this understanding	Measures 1080 colours of display output
	to office equipment and office systems. SC28 welcomes the German plan to continue development of the	realized output options:
	human visual RGB within <i>CIE Division 1 and Division 8</i> .	One Company preference (1/N)?
	In addition SC28 welcomes a new proposal from Germany in the future based on this CIE human	One ISO 9241-306 (CIE?) linearized (Y/N)? for eight room light reflections.
	visual RGB work, potentially in relation to AWG/PWG5 NWI-9	Only one option not specified (Y/N)?
	(Office colour space).	Only one option not specified (1/14).
	(office colour space).	
		User display or data projector For test charts of ISO 9241–306 see (1,7 and 20MB)
	AN700-5	without or with device specific http://www.ps.bam.de/ME15/10L/M15E00FP.PDF
	At the CIE meeting in South Africa, June 2011, CIE Division 1 decided to establish the Reportership	http://130.149.60.45/~farbmetrik/OE58/OE58D1PX.PDF
	CIE R1-57 Border between Luminous and Blackish Colours by Thorstein Seim (Norway)	in display output software.
	in response to the resolution 18/2009 of ISO/IEC JTC1/SC28.	Advantages of Output Linearization:
	In addition <i>CIE Division 8</i> decided to establish the Reportership	- Linear relation between rgb and CIELAB data.
	CIE R8-09 Output Linearization Methods for Displays and Printers by Klaus Richter (Germany)	Agrees the output with the user wishes (Y/N)? - No loss of visual information for 16 step colour series on different devices.
	in response to the same resolution 18/2009 of ISO/IEC JTC1/SC28.	colour series on uniferent devices.
	Both reports CIE R1-57 and CIE R8-09 have relations and may appear during 2013 at the CIE web site.	
	Possible Result: Definition of a <i>device-independent visual RGB</i> *e system as response to the request of SC28.	Output of reference test chart with 1080 colours. work depending on room light reflections, for solutions see ISO 9241–306.
	All surface colours define a hue circle of maximum chroma located within the CIE (x,y) chromaticity diagram.	Continues colour enange in output (1/1/)
	CIELAB chroma C^*_{ab} and lightness L^* of this circle as function of hue h_{ab} serves as reference points	If Yes, then linearization possible and decision:
\backslash	of a device-independent visual RGB*e system (compare the reference C*ab, L* hue circle of the NCS system).	Ask display or linearization company for help.
<u>}}_</u>	AN700-7	AN701-7
//	TUB-test chart AN70; ISO resolutions and CIE repo methods for output linearization of colour devices, 3	orts input: $w/rgb/cmyk \rightarrow rgb_d$
/	I wath a da fan autout lingamization of aclour devices?	BD-0 de-OutoBCBo change compound

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