

www.ps.bam.de/De60/10L/L60E00NA.PS/.TXT; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

Colour difference formula	Correlation of experimental data and colour difference formula by index S_{100}						
	S_{100} is calculated on the basis of the STRESS-Formula von <i>M. Melgosa</i> The maximum value for total agreement is $S_{100} = 100$ Experimental results large colour difference data of D, CZ, ES, GB						
	Calculation with standard parameters				Calculation with optimized parameters		
		Stress index $S_{100,s}$	Name and value of parameters		Stress index $S_{100,o}$	Name and value of parameters	
CIELAB	D	better	$\alpha = 1$	$\beta = 1$	?	$\alpha = ?$	$\beta = ?$
	CZ	better	$\alpha = 1$	$\beta = 1$	?	$\alpha = ?$	$\beta = ?$
	ES	equal	$\alpha = 1$	$\beta = 1$	?	$\alpha = ?$	$\beta = ?$
	GB	worse	$\alpha = 1$	$\beta = 1$	?	$\alpha = ?$	$\beta = ?$
CIEDE2000	D	worse	$K_C = 1$	$K_H = 1$	?	$K_C = ?$	$K_H = ?$
	CZ	worse	$K_C = 1$	$K_H = 1$	?	$K_C = ?$	$K_H = ?$
	ES	equal	$K_C = 1$	$K_H = 1$	?	$K_C = ?$	$K_H = ?$
	GB	better	$K_C = 1$	$K_H = 1$		$K_C = ?$	$K_H = ?$

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Colour difference formula	Correlation of experimental data and colour difference formula by index S_{100}						
	S_{100} is calculated on the basis of the STRESS-Formula von <i>M. Melgosa</i> The maximum value for total agreement is $S_{100} = 100$ Calculations for experimental threshold data of <i>P. Kittelmann (2008)</i>						
	Calculation with standard parameters				Calculation with optimized parameters		
		Stress index $S_{100,s}$	Name and value of parameters		Stress index $S_{100,o}$	Name and value of parameters	
CIELAB		55	$\alpha = 1$	$\beta = 1$	80	$\alpha = 0,52$	$\beta = 0,15$
CMC		57	$l = 1$	$c = 1$	71	$l = 0,42$	$c = 2,42$
CIE94		59	$K_C = 1$	$K_H = 1$	71	$K_C = 4,43$	$K_H = 2,03$
CIEDE2000		61	$K_C = 1$	$K_H = 1$	74	$K_C = 2,95$	$K_H = 3,18$
DIN99		68	$k_E = 1$	$k_{CH} = 1$	77	$k_E = 1,76$	$k_{CH} = 1,95$
DIN99o		59	$k_E = 1$	$k_{CH} = 1$	75	$k_E = 0,78$	$k_{CH} = 3,44$
LABJNS		60	$a_0 = 1$	$b_0 = 1,8$	81	$a_0 = 2,52$	$b_0 = 0,61$

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BAM-test chart no. De60; Colour difference evaluation

Experiments about colour threshold and large colour differences

input: $w^* \text{ setgray}$

output: no change compared to input