

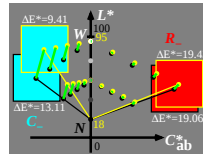
percieved color terms (colorness: cube root coordinates)

percieved color terms	name and relationship with standard chromaticity values	notes:
lightness	$L^* = 116 (Y / 100)^{1/3} - 16$ <i>Näherung: $L^* = 100 (Y / 100)^{1/3}$</i>	definition 1976 in: CIELUV, CIELAB
chromaticness	for linear chromatic value diagram (AT, B)	
red-green	$a^* = 500 [(X / X_n)^{1/3} - (Y / Y_n)^{1/3}]$ $= 500 (a' - a_n') Y^{1/3}$	definition 1976 in: CIELAB
yellow-blue	$b^* = 200 [(Y / Y_n)^{1/3} - (Z / Z_n)^{1/3}]$ $= 500 (b' - b_n') Y^{1/3}$	$n=D65$ (surround)
radial	$C^* = [a^{*2} + b^{*2}]^{1/2}$	
saturation	= chromaticness / lightness	definition
red-green	$S_a^* = a^* / [100 (Y / 100)^{1/3}]$ $= 21,6 (a' - a_n')$	for: CIELAB 1976
yellow-blue	$S_b^* = b^* / [100 (Y / 100)^{1/3}]$ $= 21,6 (b' - b_n')$	
radial	$S_c^* = C^* / [100 (Y / 100)^{1/3}]$ $= 21,6 [(a' - a_n')^2 + (b' - b_n')^2]^{1/2}$	
chromaticity	for nonlinear chromaticity diagram (a' , b') definition	
red-green	$a' = (1 / X_n)^{1/3} (x / y)^{1/3}$	opponent
yellow-blue	$= 0,2191 (x / y)^{1/3}$ for D65	color system
radial	$b' = -0,4 (1 / Z_n)^{1/3} (z / y)^{1/3}$ $= -0,08376 (z / y)^{1/3}$ for D65	
	$c' = [(a' - a_n')^2 + (b' - b_n')^2]^{1/2}$	

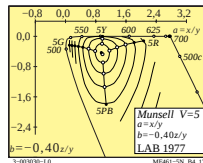
trois couleurs de surface



3-003030-L0 MF461-1N, B2, B3



3-003030-L0 MF461-3N

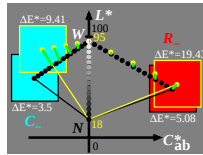


3-003030-L0 MF461-5N, B4, B7, 1

trois couleurs de surface



3-003030-L0 MF461-2N, B2, B3



3-003030-L0 MF461-4N

