

http://130.149.60.45/~farbmeftrik/SN58/SN58L0N1.TXT /PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1



see similar files: <http://130.149.60.45/~farbmeftrik/SN58/SN58.HTML>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmeftrik>

Colorimetric data of six chromatic basic colours X = RYGCBM of a device (d) or elementary (e) system

colorimetric name	family	family member	coordinate kind	coordinate (compare CIELAB L ^a , C ^b _{ab} , h _{ab} , a ⁺ , b ⁺)	coordinate name
standard CIELAB	LAB*	LAB* ^a LCH ^b _X or LAB* ^a LAB ^b _X	cylindrical or kartesic	L ^a _X = LAB* ^a L ^b _X C ^b _X = LAB* ^a C ^b _{ab,M} H ^a _X = LAB* ^a h _{ab,M} A ⁺ _X = LAB* ^a a ⁺ _X B ⁺ _X = LAB* ^a b ⁺ _X	lightness chroma hue angle red green chroma yellow blue chroma
adapted CIELAB (a)	LAB* ^a	LAB* ^a LCH ^b _{X,N} or LAB* ^a _d LAB ^b _{X,N}	cylindrical or kartesic	L ^a _N = LAB* ^a L ^b _N C ^b _N = LAB* ^a _d C ^b _N H ^a _N = LAB* ^a _d H ^b _N	adapted lightness (= L ^a _N) adapted chroma adapted hue angle (0 <= H ^a _N <= 360)
relative CIELAB (r)	lab*	lab* ^a lch ^b _X or lab* ^a lab ^b _X	cylindrical or kartesic	I ^a _X = lab* ^a I ^b _X c ^b _X = lab* ^a c ^b _X h ^a _X = lab* ^a h ^b _X	relative lightness relative chroma relative hue (0.00 <= h ^a _X <= 1.00)

SN580-3

Colorimetric standard CIELAB data and linearly related adapted and relative CIELAB data

colorimetric name	family	family member	coordinate kind	coordinate (compare CIELAB L ^a , C ^b _{ab} , h _{ab} , a ⁺ , b ⁺)	coordinate name
standard CIELAB	LAB*	LAB* ^a LCH ^b _* or LAB* ^a LAB ^b _*	cylindrical or kartesic	L ^a _* = LAB* ^a L ^b _* C ^b _* = LAB* ^a C ^b _{ab} H ^a _* = LAB* ^a h _{ab} A ⁺ _* = LAB* ^a a ⁺ B ⁺ _* = LAB* ^a b ⁺	lightness chroma hue angle red green chroma yellow blue chroma
adapted CIELAB (a)	LAB* ^a	LAB* ^a LCH ^b _* or LAB* ^a _d LAB ^b _*	cylindrical or kartesic	L ^a _* = LAB* ^a L ^b _* C ^b _* = LAB* ^a _d C ^b _* H ^a _* = LAB* ^a _d H ^b _*	adapted lightness (= L ^a _*) adapted chroma adapted hue angle (0 <= H ^a _* <= 360)
relative CIELAB (r)	lab*	lab* ^a lch ^b _* or lab* ^a lab ^b _*	cylindrical or kartesic	I ^a _* = lab* ^a I ^b _* c ^b _* = lab* ^a c ^b _* h ^a _* = lab* ^a h ^b _*	relative lightness relative chroma relative hue relative a-red green chroma relative b-yellow blue chroma relative triangle lightness
		lab* ^a ncb ^b or lab* ^a tch ^b or lab* ^a tab ^b	triangle-cylindrical or triangle-cylindrical or cylindrical	I ^a _* = lab* ^a I ^b _* c ^b _* = lab* ^a c ^b _* h ^a _* = lab* ^a h _b a ^t _* = lab* ^a a ^t _* b ^t _* = lab* ^a b ^t _* f ^t _* = lab* ^a f ^t _*	relative blackness relative chroma relative hue relative elementary hue text relative elementary hue relative r-red green chroma relative j-yellow blue chroma relative triangle lightness
		lab* ^a rgb ^b _d	kartesic	r ^a _d = lab* ^a r ^b _d g ^a _d = lab* ^a g ^b _d b ^a _d = lab* ^a b ^b _d	relative device red relative device green relative device blue
		lab* ^a cmy ^b _d	kartesic	c ^a _d = lab* ^a c ^b _d m ^a _d = lab* ^a m ^b _d y ^a _d = lab* ^a y ^b _d	relative device cyan relative device magenta relative device yellow
		lab* ^a rgb ^b _e	kartesic	r ^a _e = lab* ^a r ^b _e g ^a _e = lab* ^a g ^b _e b ^a _e = lab* ^a b ^b _e	relative elementary red relative elementary green relative elementary blue
		lab* ^a cmy ^b _e	kartesic	c ^a _e = lab* ^a c ^b _e m ^a _e = lab* ^a m ^b _e y ^a _e = lab* ^a y ^b _e	relative elementary cyan relative elementary magenta relative elementary yellow

SN580-7

Colorimetric data of maximum colours M of a device (d) or elementary (e) system

colorimetric name	family	family member	coordinate kind	coordinate (compare CIELAB L ^a , C ^b _{ab} , h _{ab} , a ⁺ , b ⁺)	coordinate name
standard CIELAB	LAB*	LAB* ^a LCH ^b _M or LAB* ^a LAB ^b _M	cylindrical or kartesic	L ^a _M = LAB* ^a L ^b _M C ^b _M = LAB* ^a C ^b _{ab,M} H ^a _M = LAB* ^a h _{ab,M} A ⁺ _M = LAB* ^a a ⁺ _M B ⁺ _M = LAB* ^a b ⁺ _M	lightness chroma hue angle red green chroma yellow blue chroma
adapted CIELAB (a)	LAB* ^a	LAB* ^a _d LCH ^b _M or LAB* ^a _d LAB ^b _M	cylindrical or kartesic	L ^a _M = LAB* ^a _d L ^b _M C ^b _M = LAB* ^a _d C ^b _M H ^a _M = LAB* ^a _d H ^b _M	adapted lightness (= L ^a _M) adapted chroma adapted hue angle (0 <= H ^a _M <= 360)
relative CIELAB (r)	lab*	lab* ^a lch ^b _M or lab* ^a lab ^b _M	cylindrical or kartesic	I ^a _M = lab* ^a I ^b _M c ^b _M = lab* ^a c ^b _M h ^a _M = lab* ^a h ^b _M	relative lightness relative chroma relative hue (0.00 <= h ^a _M <= 1.00)

SN580-7

TUB-test chart SN58; Colour coordinates DIN 33872-1
Basic and maximum colours, and colorimetric data

input: w/rgb/cmyk -> w/rgb/cmyk...
output: no change compared

SN581-7

