

basic and mixed colors of standard color television by DIN 6169

basic color or mixed color and name	CIE standard chromaticity x	CIE standard chromaticity y	CIE standard tristimulus value X	CIE standard tristimulus value Y	CIE standard tristimulus value Z
three additive basic colors and White:					
O = R _d Orange red	0,6400	0,3300	43,03	22,19	2,02
L = G _d Leaf green	0,2900	0,6000	34,16	70,68	12,96
V = B _d Violet blue	0,1415	0,0482	17,82	7,13	93,87
W White	0,3127	0,3291	95,01	100,00	108,85
three additive basic colors and White:					
O = R _d Orange red	0,6400	0,3300	43,03+21%	22,19+21%	2,02+21%
L = G _d Leaf green	0,2900	0,6000	34,16+21%	70,68+21%	12,96+21%
V = B _d Violet blue	0,1415	0,0482	17,82+21%	7,13+21%	93,87+21%
W White	0,3127	0,3291	95,01+0%	100,00+0%	108,85+0%

2
rgb l*:
rgb l*:
2
L* C*_{ab}

PN000-3N

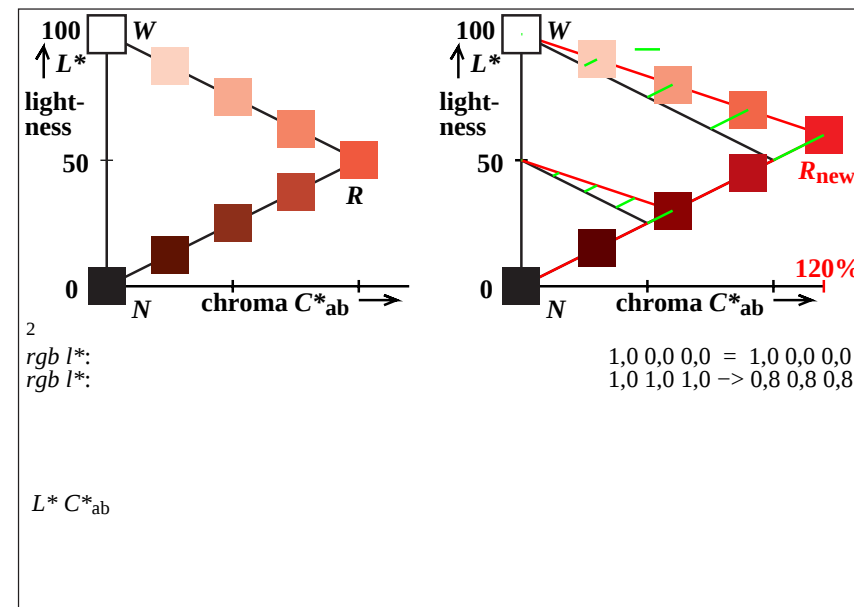
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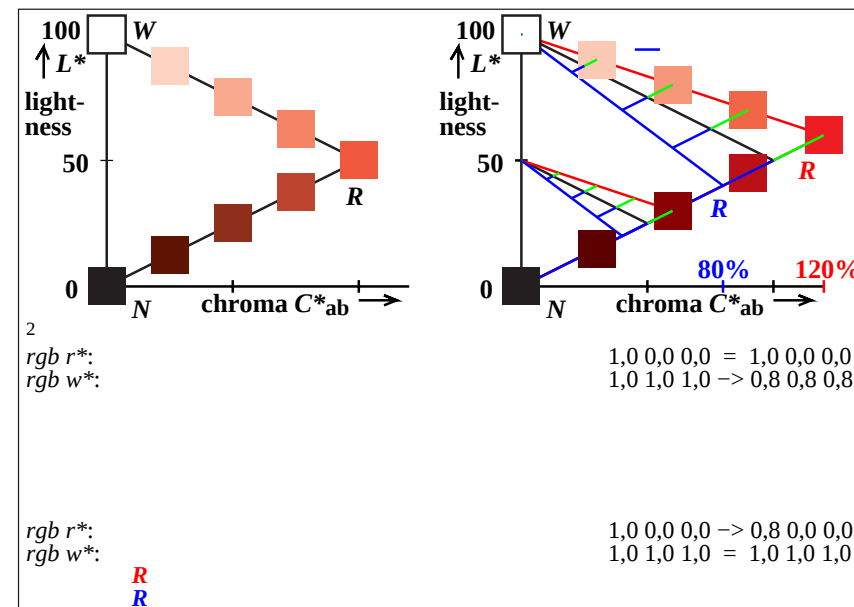
2
rgb l*:
rgb l*:
2
L* C*_{ab}
i* = l* + 0,5 c*
n* = 1 - i*

PN000-7N

test chart PN00; Blackish and luminous colours
change of tristimulus values XYZ and rgb data of displays



PN001-3N



PN001-7N

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