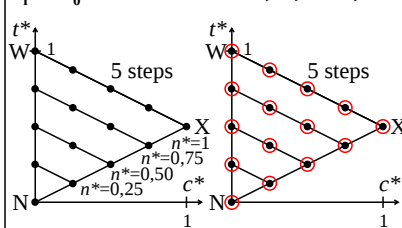
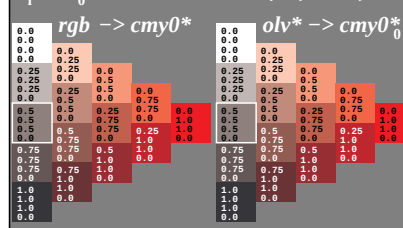


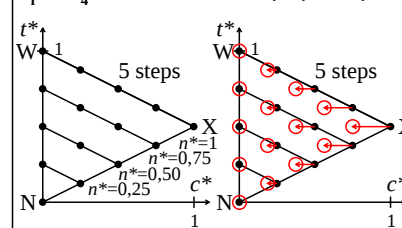
Colorimetric transformation $i = 0$
 $c_i^* = c_0^* = a c^{*b}$ with $a = 1,00$; $b = 1,00$



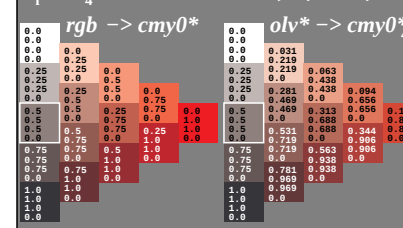
Colorimetric transformation $i = 0$
 $c_i^* = c_0^* = a c^{*b}$ with $a = 1,00$; $b = 1,00$



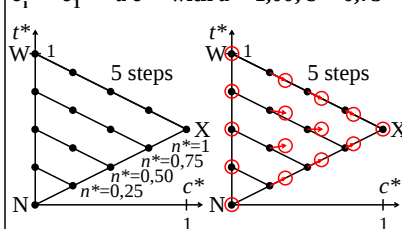
Colorimetric transformation $i = 4$
 $c_i^* = c_4^* = a c^{*b}$ with $a = 0,75$; $b = 1,00$



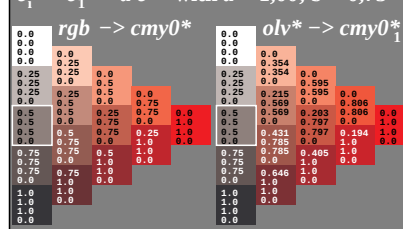
Colorimetric transformation $i = 4$
 $c_i^* = c_4^* = a c^{*b}$ with $a = 0,75$; $b = 1,00$



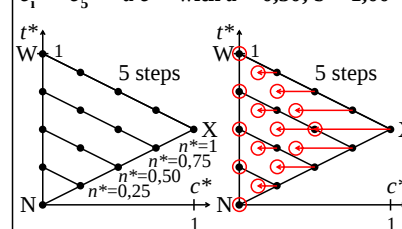
Colorimetric transformation $i = 1$
 $c_i^* = c_1^* = a c^{*b}$ with $a = 1,00$; $b = 0,75$



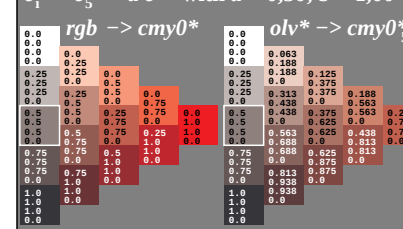
Colorimetric transformation $i = 1$
 $c_i^* = c_1^* = a c^{*b}$ with $a = 1,00$; $b = 0,75$



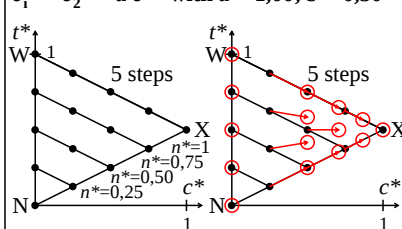
Colorimetric transformation $i = 5$
 $c_i^* = c_5^* = a c^{*b}$ with $a = 0,50$; $b = 1,00$



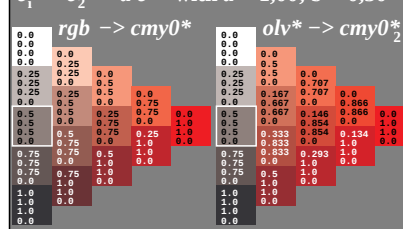
Colorimetric transformation $i = 5$
 $c_i^* = c_5^* = a c^{*b}$ with $a = 0,50$; $b = 1,00$



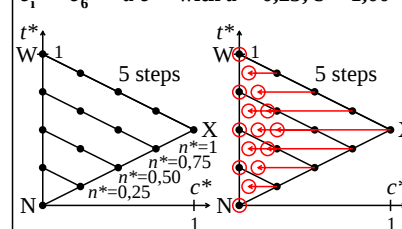
Colorimetric transformation $i = 2$
 $c_i^* = c_2^* = a c^{*b}$ with $a = 1,00$; $b = 0,50$



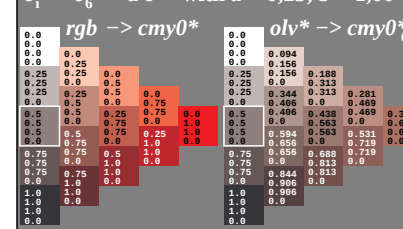
Colorimetric transformation $i = 2$
 $c_i^* = c_2^* = a c^{*b}$ with $a = 1,00$; $b = 0,50$



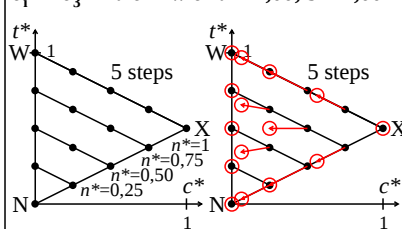
Colorimetric transformation $i = 6$
 $c_i^* = c_6^* = a c^{*b}$ with $a = 0,25$; $b = 1,00$



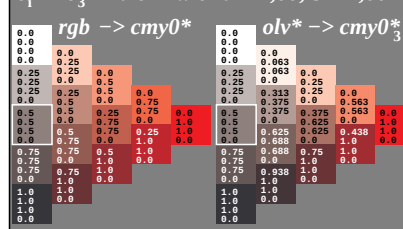
Colorimetric transformation $i = 6$
 $c_i^* = c_6^* = a c^{*b}$ with $a = 0,25$; $b = 1,00$



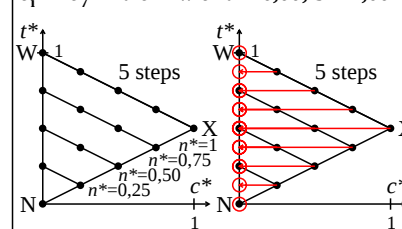
Colorimetric transformation $i = 3$
 $c_i^* = c_3^* = a c^{*b}$ with $a = 1,00$; $b = 2,00$



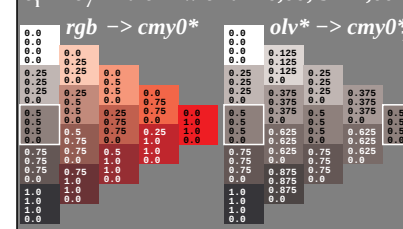
Colorimetric transformation $i = 3$
 $c_i^* = c_3^* = a c^{*b}$ with $a = 1,00$; $b = 2,00$



Colorimetric transformation $i = 7$
 $c_i^* = c_7^* = a c^{*b}$ with $a = 0,00$; $b = 1,00$



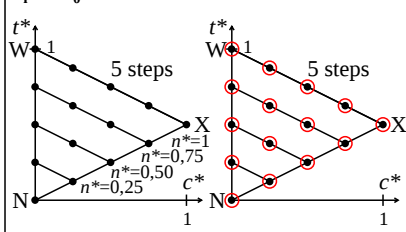
Colorimetric transformation $i = 7$
 $c_i^* = c_7^* = a c^{*b}$ with $a = 0,00$; $b = 1,00$



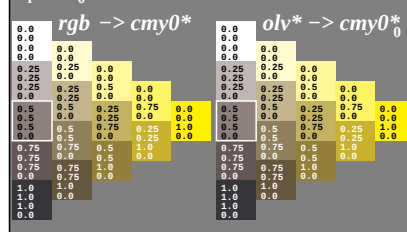
TUB-test chart IE69; Relative colour reproduction, Colour O
Colorimetric transformation of relative chroma c^* by a, b

input: $rgb \rightarrow cmy0^*$ setcmykcolor
output: no change compared to input

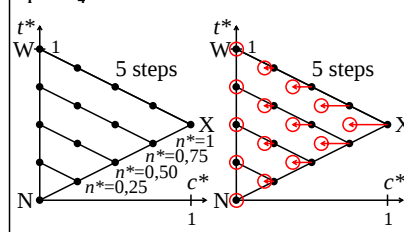
Colorimetric transformation $i = 0$
 $c_i^* = c_0^* = a c^* b$ with $a = 1,00$; $b = 1,00$



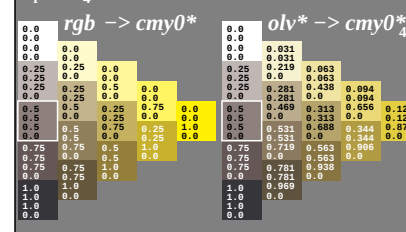
Colorimetric transformation $i = 0$
 $c_i^* = c_0^* = a c^* b$ with $a = 1,00$; $b = 1,00$



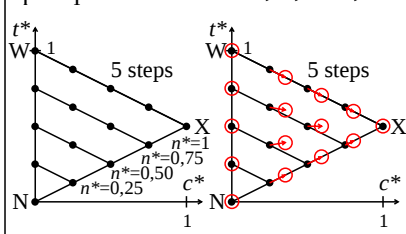
Colorimetric transformation $i = 4$
 $c_i^* = c_4^* = a c^* b$ with $a = 0,75$; $b = 1,00$



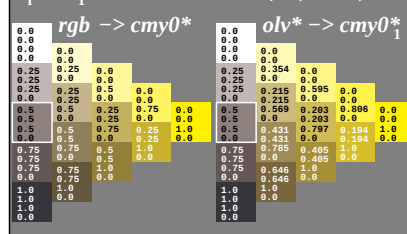
Colorimetric transformation $i = 4$
 $c_i^* = c_4^* = a c^* b$ with $a = 0,75$; $b = 1,00$



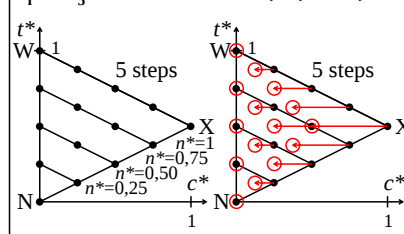
Colorimetric transformation $i = 1$
 $c_i^* = c_1^* = a c^* b$ with $a = 1,00$; $b = 0,75$



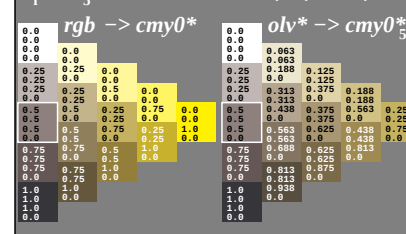
Colorimetric transformation $i = 1$
 $c_i^* = c_1^* = a c^* b$ with $a = 1,00$; $b = 0,75$



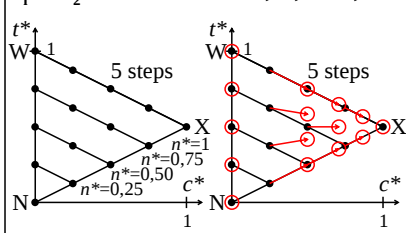
Colorimetric transformation $i = 5$
 $c_i^* = c_5^* = a c^* b$ with $a = 0,50$; $b = 1,00$



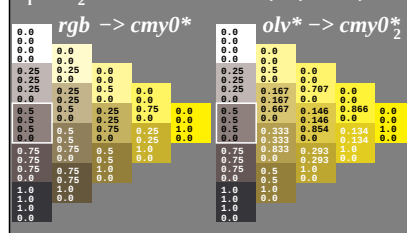
Colorimetric transformation $i = 5$
 $c_i^* = c_5^* = a c^* b$ with $a = 0,50$; $b = 1,00$



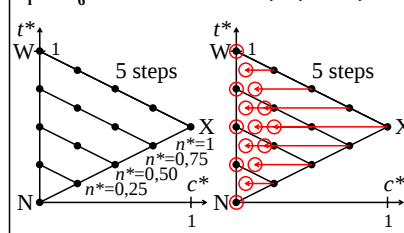
Colorimetric transformation $i = 2$
 $c_i^* = c_2^* = a c^* b$ with $a = 1,00$; $b = 0,50$



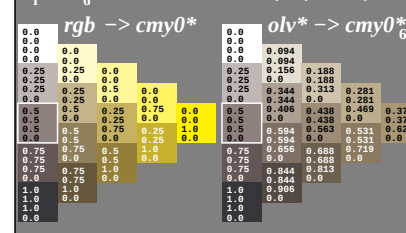
Colorimetric transformation $i = 2$
 $c_i^* = c_2^* = a c^* b$ with $a = 1,00$; $b = 0,50$



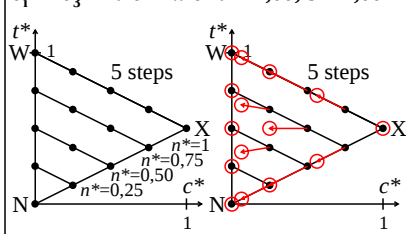
Colorimetric transformation $i = 6$
 $c_i^* = c_6^* = a c^* b$ with $a = 0,25$; $b = 1,00$



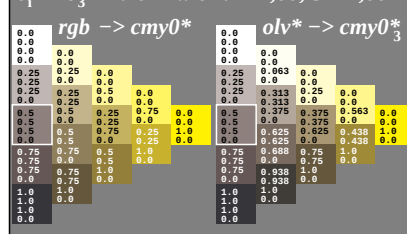
Colorimetric transformation $i = 6$
 $c_i^* = c_6^* = a c^* b$ with $a = 0,25$; $b = 1,00$



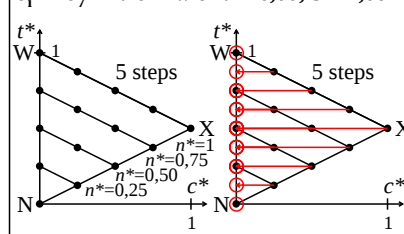
Colorimetric transformation $i = 3$
 $c_i^* = c_3^* = a c^* b$ with $a = 1,00$; $b = 2,00$



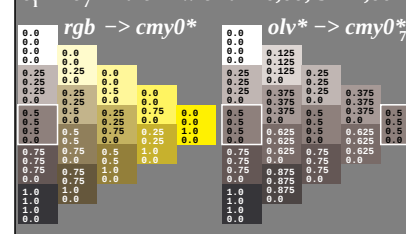
Colorimetric transformation $i = 3$
 $c_i^* = c_3^* = a c^* b$ with $a = 1,00$; $b = 2,00$



Colorimetric transformation $i = 7$
 $c_i^* = c_7^* = a c^* b$ with $a = 0,00$; $b = 1,00$



Colorimetric transformation $i = 7$
 $c_i^* = c_7^* = a c^* b$ with $a = 0,00$; $b = 1,00$

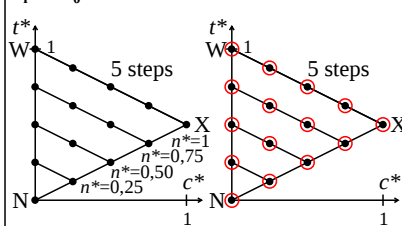


TUB-test chart IE69; Relative colour reproduction, Colour Y
Colorimetric transformation of relative chroma c^* by a, b

input: $rgb \rightarrow cmy0^*$ setcmykcolor
output: no change compared to input

Colorimetric transformation $i = 0$

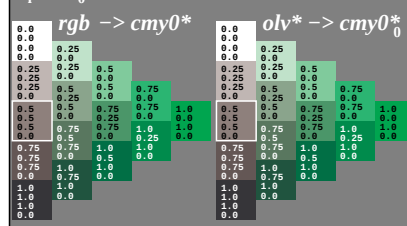
$$c_i^* = c_0^* = a c^{*b} \text{ with } a = 1,00; b = 1,00$$



IE690-1N, 1

Colorimetric transformation $i = 0$

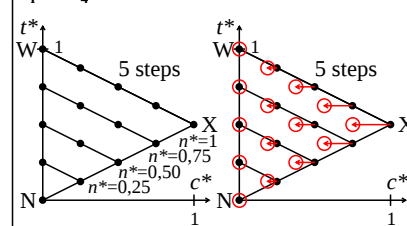
$$c_i^* = c_0^* = a c^{*b} \text{ with } a = 1,00; b = 1,00$$



IE690-2N, 13

Colorimetric transformation $i = 4$

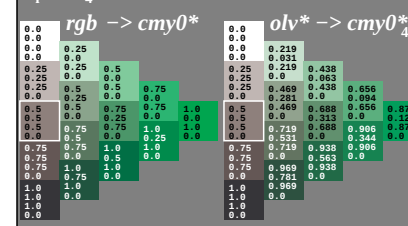
$$c_i^* = c_4^* = a c^{*b} \text{ with } a = 0,75; b = 1,00$$



IE691-1N, 5

Colorimetric transformation $i = 4$

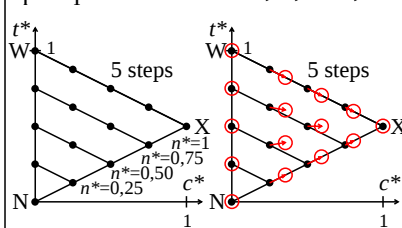
$$c_i^* = c_4^* = a c^{*b} \text{ with } a = 0,75; b = 1,00$$



IE691-2N, 53

Colorimetric transformation $i = 1$

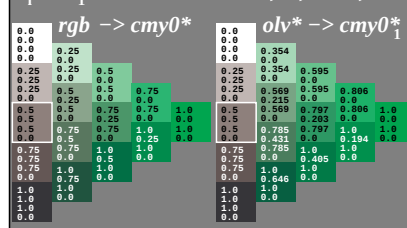
$$c_i^* = c_1^* = a c^{*b} \text{ with } a = 1,00; b = 0,75$$



IE690-3N, 2

Colorimetric transformation $i = 1$

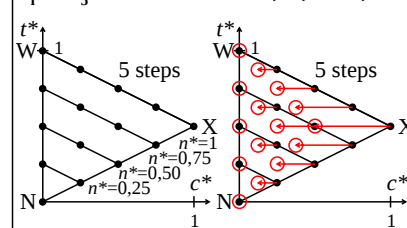
$$c_i^* = c_1^* = a c^{*b} \text{ with } a = 1,00; b = 0,75$$



IE690-4N, 23

Colorimetric transformation $i = 5$

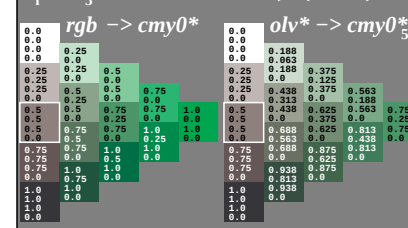
$$c_i^* = c_5^* = a c^{*b} \text{ with } a = 0,50; b = 1,00$$



IE691-3N, 6

Colorimetric transformation $i = 5$

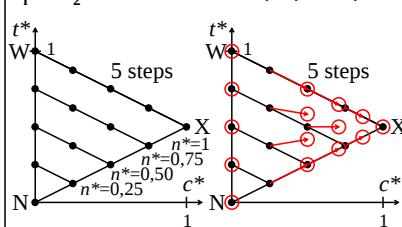
$$c_i^* = c_5^* = a c^{*b} \text{ with } a = 0,50; b = 1,00$$



IE691-4N, 63

Colorimetric transformation $i = 2$

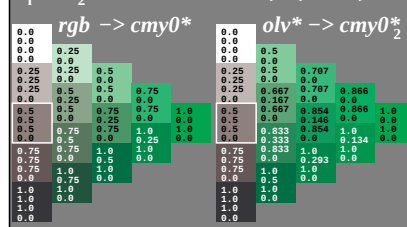
$$c_i^* = c_2^* = a c^{*b} \text{ with } a = 1,00; b = 0,50$$



IE690-5N, 3

Colorimetric transformation $i = 2$

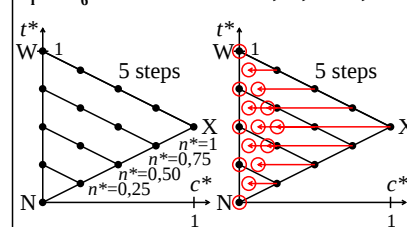
$$c_i^* = c_2^* = a c^{*b} \text{ with } a = 1,00; b = 0,50$$



IE690-6N, 33

Colorimetric transformation $i = 6$

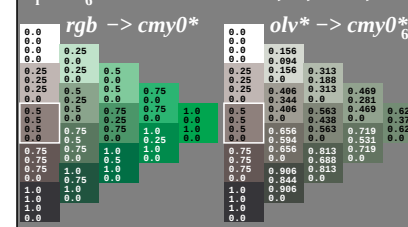
$$c_i^* = c_6^* = a c^{*b} \text{ with } a = 0,25; b = 1,00$$



IE691-5N, 7

Colorimetric transformation $i = 6$

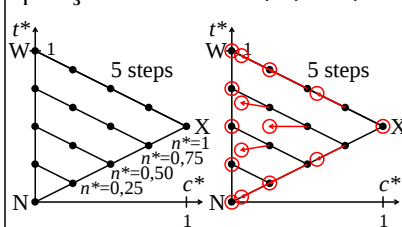
$$c_i^* = c_6^* = a c^{*b} \text{ with } a = 0,25; b = 1,00$$



IE691-6N, 73

Colorimetric transformation $i = 3$

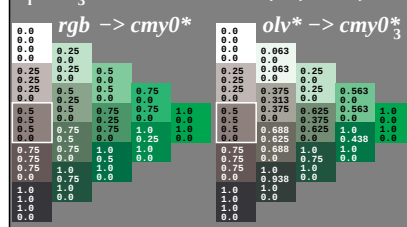
$$c_i^* = c_3^* = a c^{*b} \text{ with } a = 1,00; b = 2,00$$



IE690-7N, 4

Colorimetric transformation $i = 3$

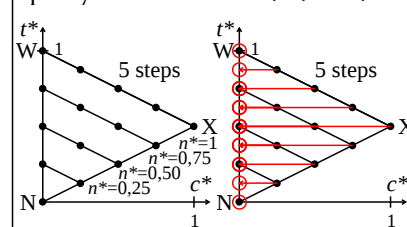
$$c_i^* = c_3^* = a c^{*b} \text{ with } a = 1,00; b = 2,00$$



IE690-8N, 43

Colorimetric transformation $i = 7$

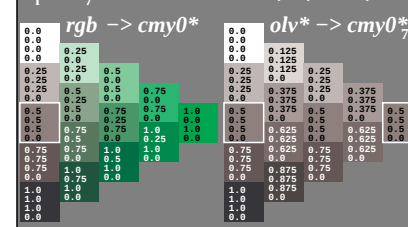
$$c_i^* = c_7^* = a c^{*b} \text{ with } a = 0,00; b = 1,00$$



IE691-7N, 8

Colorimetric transformation $i = 7$

$$c_i^* = c_7^* = a c^{*b} \text{ with } a = 0,00; b = 1,00$$

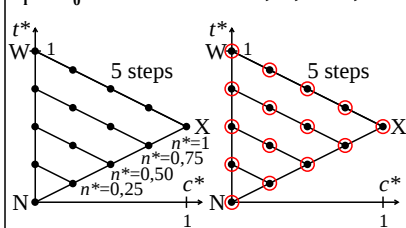


IE691-8N, 83

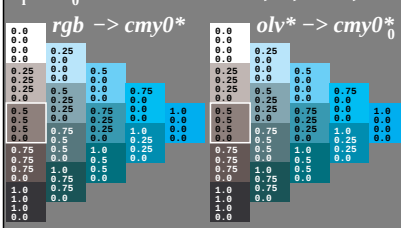
TUB-test chart IE69; Relative colour reproduction, Colour L
Colorimetric transformation of relative chroma c^* by a, b

input: $rgb \rightarrow cmy0^*$ setcmykcolor
output: no change compared to input

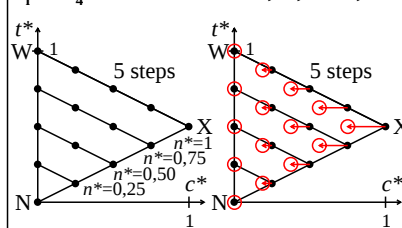
Colorimetric transformation $i = 0$
 $c_i^* = c_0^* = a c^{*b}$ with $a = 1,00$; $b = 1,00$



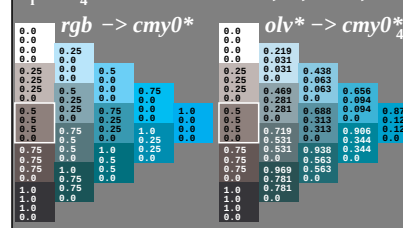
Colorimetric transformation $i = 0$
 $c_i^* = c_0^* = a c^{*b}$ with $a = 1,00$; $b = 1,00$



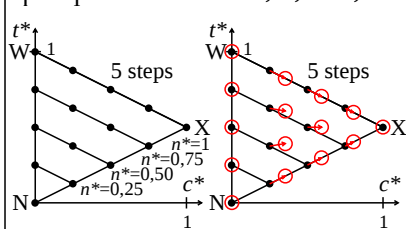
Colorimetric transformation $i = 4$
 $c_i^* = c_4^* = a c^{*b}$ with $a = 0,75$; $b = 1,00$



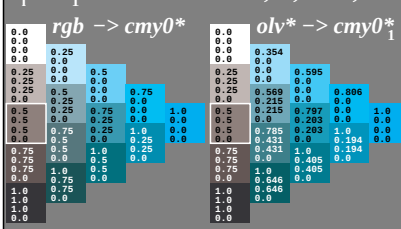
Colorimetric transformation $i = 4$
 $c_i^* = c_4^* = a c^{*b}$ with $a = 0,75$; $b = 1,00$



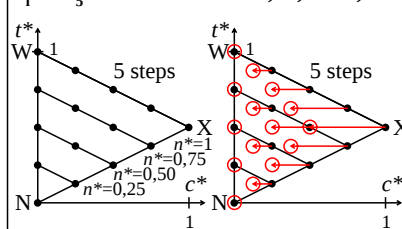
Colorimetric transformation $i = 1$
 $c_i^* = c_1^* = a c^{*b}$ with $a = 1,00$; $b = 0,75$



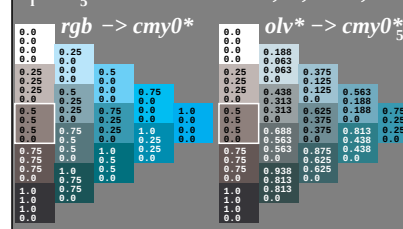
Colorimetric transformation $i = 1$
 $c_i^* = c_1^* = a c^{*b}$ with $a = 1,00$; $b = 0,75$



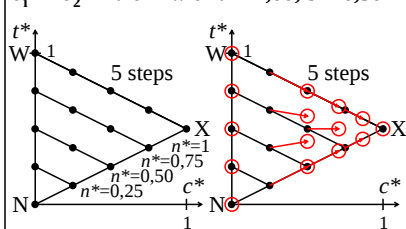
Colorimetric transformation $i = 5$
 $c_i^* = c_5^* = a c^{*b}$ with $a = 0,50$; $b = 1,00$



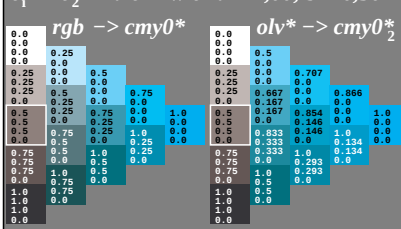
Colorimetric transformation $i = 5$
 $c_i^* = c_5^* = a c^{*b}$ with $a = 0,50$; $b = 1,00$



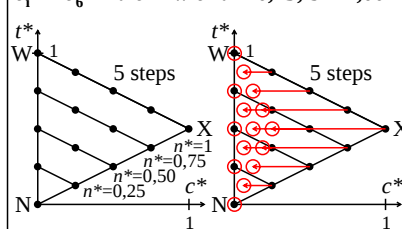
Colorimetric transformation $i = 2$
 $c_i^* = c_2^* = a c^{*b}$ with $a = 1,00$; $b = 0,50$



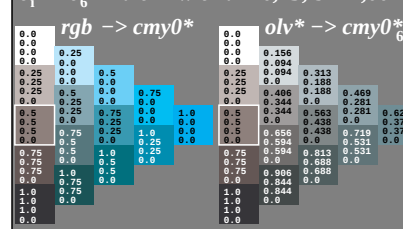
Colorimetric transformation $i = 2$
 $c_i^* = c_2^* = a c^{*b}$ with $a = 1,00$; $b = 0,50$



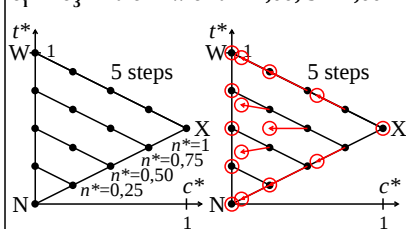
Colorimetric transformation $i = 6$
 $c_i^* = c_6^* = a c^{*b}$ with $a = 0,25$; $b = 1,00$



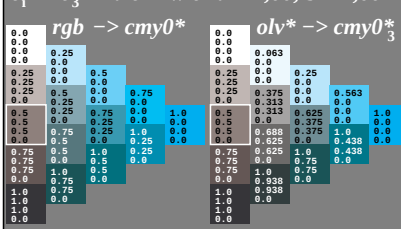
Colorimetric transformation $i = 6$
 $c_i^* = c_6^* = a c^{*b}$ with $a = 0,25$; $b = 1,00$



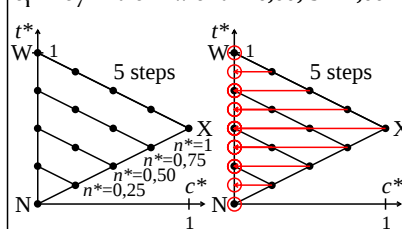
Colorimetric transformation $i = 3$
 $c_i^* = c_3^* = a c^{*b}$ with $a = 1,00$; $b = 2,00$



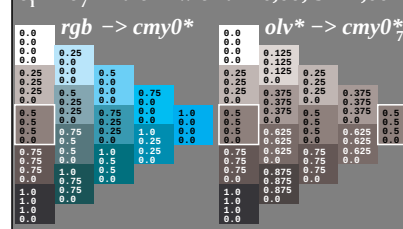
Colorimetric transformation $i = 3$
 $c_i^* = c_3^* = a c^{*b}$ with $a = 1,00$; $b = 2,00$



Colorimetric transformation $i = 7$
 $c_i^* = c_7^* = a c^{*b}$ with $a = 0,00$; $b = 1,00$



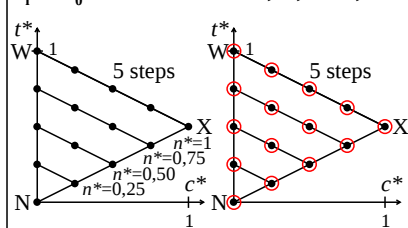
Colorimetric transformation $i = 7$
 $c_i^* = c_7^* = a c^{*b}$ with $a = 0,00$; $b = 1,00$



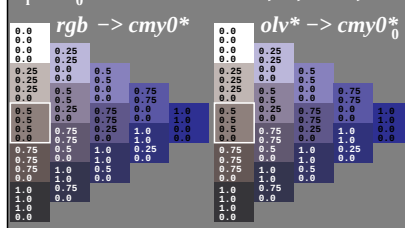
TUB-test chart IE69; Relative colour reproduction, Colour C
Colorimetric transformation of relative chroma c^* by a, b

input: $rgb \rightarrow cmy0^*$ setcmykcolor
output: no change compared to input

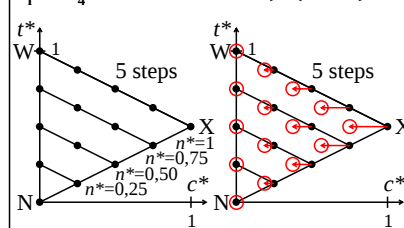
Colorimetric transformation $i = 0$
 $c_i^* = c_0^* = a c^* b$ with $a = 1,00$; $b = 1,00$



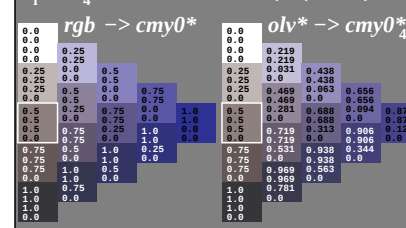
Colorimetric transformation $i = 0$
 $c_i^* = c_0^* = a c^* b$ with $a = 1,00$; $b = 1,00$



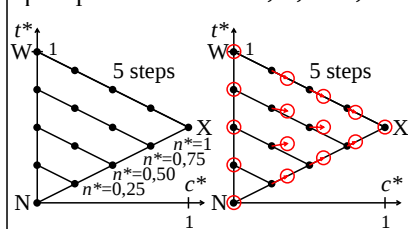
Colorimetric transformation $i = 4$
 $c_i^* = c_4^* = a c^* b$ with $a = 0,75$; $b = 1,00$



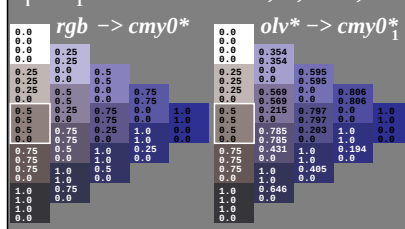
Colorimetric transformation $i = 4$
 $c_i^* = c_4^* = a c^* b$ with $a = 0,75$; $b = 1,00$



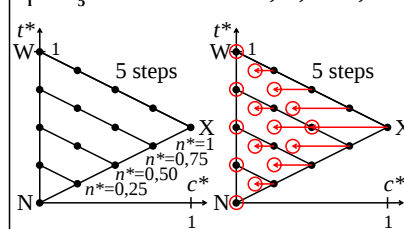
Colorimetric transformation $i = 1$
 $c_i^* = c_1^* = a c^* b$ with $a = 1,00$; $b = 0,75$



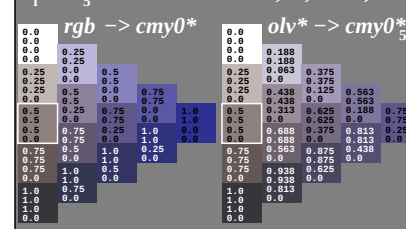
Colorimetric transformation $i = 1$
 $c_i^* = c_1^* = a c^* b$ with $a = 1,00$; $b = 0,75$



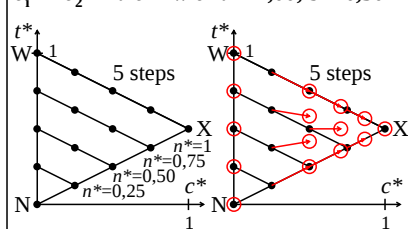
Colorimetric transformation $i = 5$
 $c_i^* = c_5^* = a c^* b$ with $a = 0,50$; $b = 1,00$



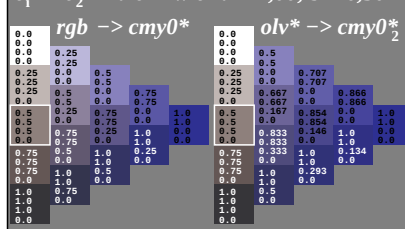
Colorimetric transformation $i = 5$
 $c_i^* = c_5^* = a c^* b$ with $a = 0,50$; $b = 1,00$



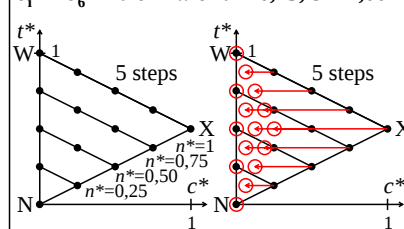
Colorimetric transformation $i = 2$
 $c_i^* = c_2^* = a c^* b$ with $a = 1,00$; $b = 0,50$



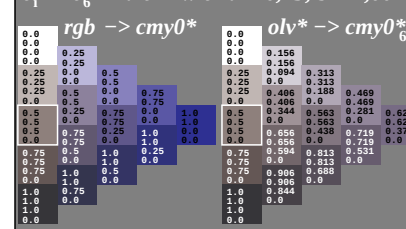
Colorimetric transformation $i = 2$
 $c_i^* = c_2^* = a c^* b$ with $a = 1,00$; $b = 0,50$



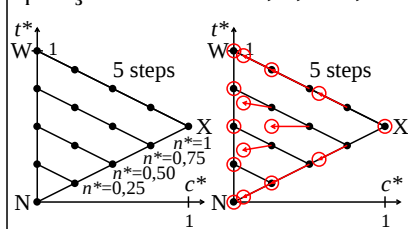
Colorimetric transformation $i = 6$
 $c_i^* = c_6^* = a c^* b$ with $a = 0,25$; $b = 1,00$



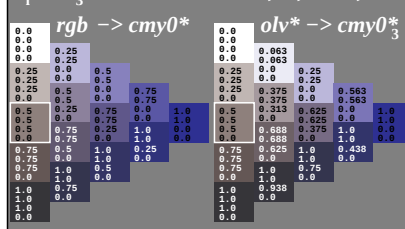
Colorimetric transformation $i = 6$
 $c_i^* = c_6^* = a c^* b$ with $a = 0,25$; $b = 1,00$



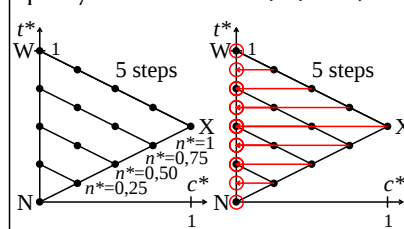
Colorimetric transformation $i = 3$
 $c_i^* = c_3^* = a c^* b$ with $a = 1,00$; $b = 2,00$



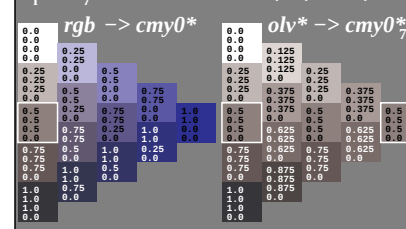
Colorimetric transformation $i = 3$
 $c_i^* = c_3^* = a c^* b$ with $a = 1,00$; $b = 2,00$



Colorimetric transformation $i = 7$
 $c_i^* = c_7^* = a c^* b$ with $a = 0,00$; $b = 1,00$



Colorimetric transformation $i = 7$
 $c_i^* = c_7^* = a c^* b$ with $a = 0,00$; $b = 1,00$

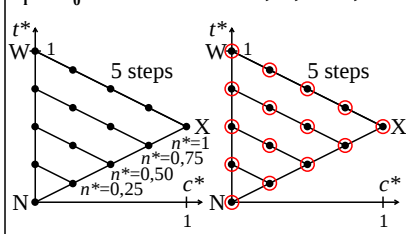


TUB-test chart IE69; Relative colour reproduction, Colour V
Colorimetric transformation of relative chroma c^* by a, b

input: $rgb \rightarrow cmy0^*$ setcmykcolor
output: no change compared to input

Colorimetric transformation $i = 0$

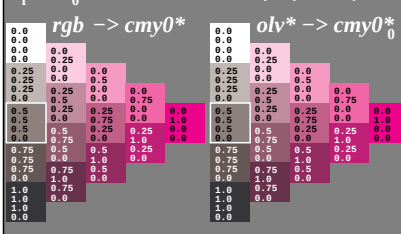
$$c_i^* = c_0^* = a c^* b \text{ with } a = 1,00; b = 1,00$$



IE690-1N, 1

Colorimetric transformation $i = 0$

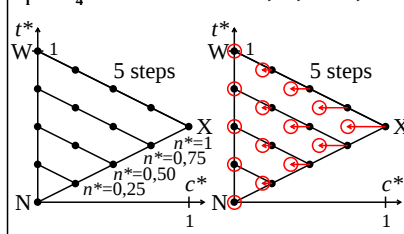
$$c_i^* = c_0^* = a c^* b \text{ with } a = 1,00; b = 1,00$$



IE690-2N, 16

Colorimetric transformation $i = 4$

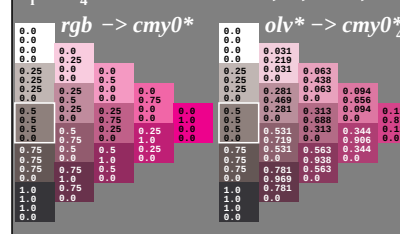
$$c_i^* = c_4^* = a c^* b \text{ with } a = 0,75; b = 1,00$$



IE691-1N, 5

Colorimetric transformation $i = 4$

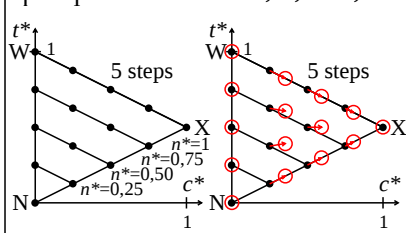
$$c_i^* = c_4^* = a c^* b \text{ with } a = 0,75; b = 1,00$$



IE691-2N, 56

Colorimetric transformation $i = 1$

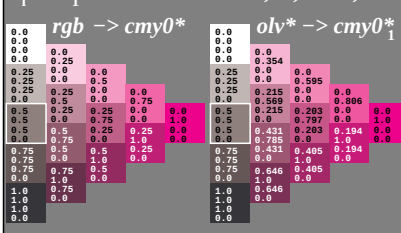
$$c_i^* = c_1^* = a c^* b \text{ with } a = 1,00; b = 0,75$$



IE690-3N, 2

Colorimetric transformation $i = 1$

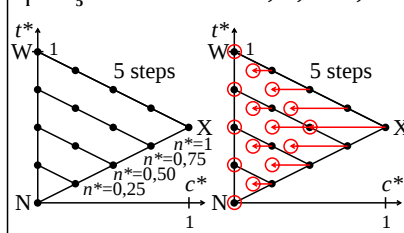
$$c_i^* = c_1^* = a c^* b \text{ with } a = 1,00; b = 0,75$$



IE690-4N, 26

Colorimetric transformation $i = 5$

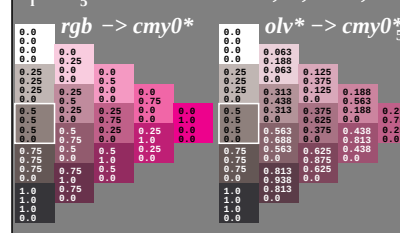
$$c_i^* = c_5^* = a c^* b \text{ with } a = 0,50; b = 1,00$$



IE691-3N, 6

Colorimetric transformation $i = 5$

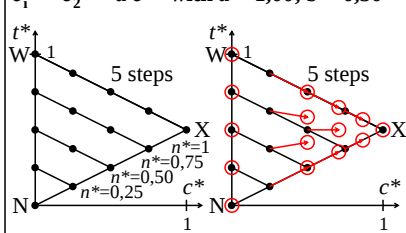
$$c_i^* = c_5^* = a c^* b \text{ with } a = 0,50; b = 1,00$$



IE691-4N, 66

Colorimetric transformation $i = 2$

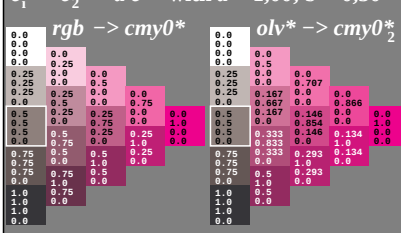
$$c_i^* = c_2^* = a c^* b \text{ with } a = 1,00; b = 0,50$$



IE690-5N, 3

Colorimetric transformation $i = 2$

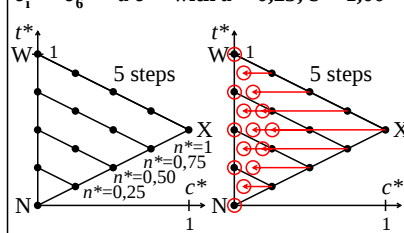
$$c_i^* = c_2^* = a c^* b \text{ with } a = 1,00; b = 0,50$$



IE690-6N, 36

Colorimetric transformation $i = 6$

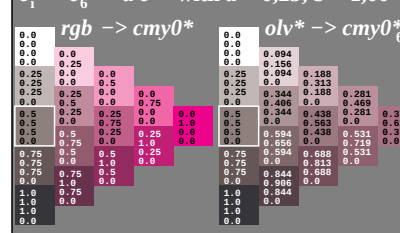
$$c_i^* = c_6^* = a c^* b \text{ with } a = 0,25; b = 1,00$$



IE691-5N, 7

Colorimetric transformation $i = 6$

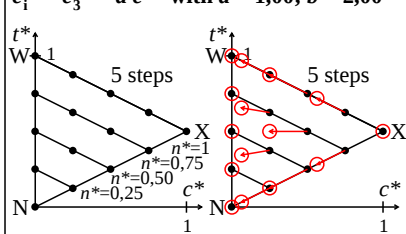
$$c_i^* = c_6^* = a c^* b \text{ with } a = 0,25; b = 1,00$$



IE691-6N, 76

Colorimetric transformation $i = 3$

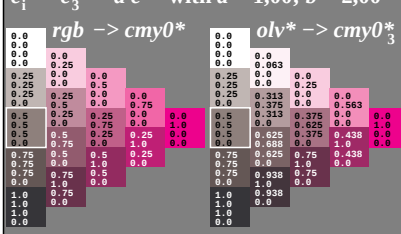
$$c_i^* = c_3^* = a c^* b \text{ with } a = 1,00; b = 2,00$$



IE690-7N, 4

Colorimetric transformation $i = 3$

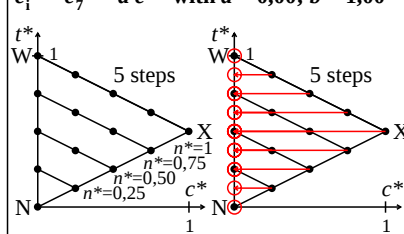
$$c_i^* = c_3^* = a c^* b \text{ with } a = 1,00; b = 2,00$$



IE690-8N, 46

Colorimetric transformation $i = 7$

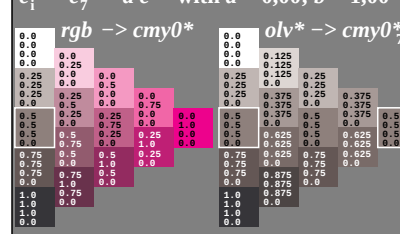
$$c_i^* = c_7^* = a c^* b \text{ with } a = 0,00; b = 1,00$$



IE691-7N, 8

Colorimetric transformation $i = 7$

$$c_i^* = c_7^* = a c^* b \text{ with } a = 0,00; b = 1,00$$



IE691-8N, 86

TUB-test chart IE69; Relative colour reproduction, Colour M
Colorimetric transformation of relative chroma c^* by a, b

input: $rgb \rightarrow cmy0^*$ setcmykcolor
output: no change compared to input