

# Colorimetric transformation $i = 1$

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

$rgb \rightarrow cmyn^*$

1.0									
1.0									
1.0	1.0								
0.75	0.75	1.0							
0.75	0.75	0.5							
0.75	0.75	0.5	1.0						
0.75	0.5	0.25	0.25	1.0					
0.5	0.5	0.75	0.25	0.0	0.5	0.431	0.797	0.194	1.0
0.5	0.5	0.25	0.75	0.0	0.5	0.431	0.203	0.194	0.0
0.5	0.5	0.25	0.75	0.0	0.5	0.569	0.203	0.806	0.0
0.25	0.25	0.5	0.0		0.25	0.215	0.595	0.0	
0.25	0.25	0.0			0.25	0.215	0.0		
0.25	0.25	0.0			0.25	0.354	0.0		
0.0					0.0	0.0			
0.0					0.0	0.0			
0.0					0.0	0.0			
0.0					0.0	0.0			

$cmyn^* \rightarrow cmyn^*_{el}$

1.0									
1.0									
1.0	1.0								
0.75	0.646	1.0							
0.75	0.646	0.405							
0.75	0.785	0.405	1.0						
0.75	0.431	0.194	0.194	1.0					
0.5	0.431	0.203	0.203	0.0	0.5	0.569	0.806	0.0	0.0
0.5	0.431	0.203	0.203	0.0	0.5	0.215	0.0		
0.25	0.215	0.595	0.595	0.0	0.25	0.215	0.0		
0.25	0.215	0.0	0.0		0.25	0.354	0.0		
0.25	0.354	0.0	0.0		0.25	0.0			
0.0	0.0	0.0	0.0		0.0	0.0			
0.0	0.0	0.0	0.0		0.0	0.0			
0.0	0.0	0.0	0.0		0.0	0.0			

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$rgb \rightarrow cmyn^*$			
1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
0.75	0.75	1.0	0.75
0.75	0.75	1.0	0.75
0.75	0.75	0.5	1.0
0.75	0.75	1.0	0.75
0.5	0.5	0.75	0.25
0.5	0.5	0.75	1.0
0.5	0.5	0.25	0.75
0.5	0.5	0.25	0.0
0.25	0.25	0.5	0.0
0.25	0.25	0.5	0.0
0.25	0.25	0.25	0.75
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

1.0	1.0	1.0	1.0
1.0	1.0	1.0	1.0
0.75	0.646	1.0	0.75
0.75	1.0	1.0	0.75
0.75	0.785	0.405	1.0
0.75	0.785	1.0	0.75
0.5	0.431	0.797	0.194
0.5	0.797	0.797	1.0
0.5	0.569	0.203	0.806
0.5	0.569	0.806	0.0
0.25	0.215	0.595	0.0
0.25	0.25	0.595	0.0
0.25	0.354	0.354	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

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

$rgb \rightarrow cmyn^*$			
1.0			
1.0			
1.0	0.75		
0.75	1.0		
0.75	0.75	0.5	
0.75	1.0		
0.75	0.5	0.25	
0.75	0.75	1.0	
0.5	0.5	0.25	0.0
0.5	0.75		1.0
0.5	0.25	0.25	0.0
	0.5		0.75
0.25	0.25	0.0	0.0
0.25		0.5	
0.25	0.0	0.0	
	0.25		
0.0	0.0		
0.0			
0.0			

$cmyn^* \rightarrow cmyn^*_{el}$	
1.0	
1.0	0.646
1.0	1.0
0.75	0.646
0.75	0.405
0.75	1.0
0.75	0.431
0.75	0.405
0.75	0.194
0.5	0.785
0.5	1.0
0.5	0.431
0.5	0.203
0.5	0.194
0.5	0.0
0.5	0.215
0.5	0.203
0.5	0.0
0.5	0.569
0.5	0.806
0.25	0.215
0.25	0.0
0.25	0.797
0.25	1.0
0.25	0.215
0.25	0.0
0.25	0.595
0.25	0.0
0.0	0.354
0.0	0.0
0.0	0.0
0.0	0.0

# Colorimetric transformation $i = 1$

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

$rgb \rightarrow cmyn^*$			
1.0	1.0	1.0	1.0
1.0	0.75		
0.75	1.0	0.5	
0.75	1.0	1.0	
0.75	0.5	1.0	0.25
0.5	0.75	0.25	1.0
0.5	0.75	0.75	1.0
0.5	0.25	0.75	0.0
0.25	0.5	0.0	0.75
0.25	0.5	0.5	
0.25	0.0	0.0	0.25
0.0	0.25	0.5	
0.0	0.0		
0.0			

1.0	1.0	$cmyn^*_e \rightarrow cmyn^*_{el}$
1.0	0.646	
0.75	1.0	0.405
0.75	1.0	1.0
0.75	0.431	0.194
0.5	0.785	1.0
0.5	0.785	1.0
0.5	0.797	1.0
0.5	0.215	0.0
0.25	0.569	1.0
0.25	0.569	0.0
0.25	0.595	0.806
0.25	0.0	0.806
0.0	0.354	
0.0	0.354	
0.0	0.0	

# Colorimetric transformation $i = 1$

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

$rgb \rightarrow cmyn^*$				$cmyn^*_{\text{el}} \rightarrow cmyn^*_{\text{el}}$		
1.0				1.0		
1.0				1.0	0.646	
1.0	0.75			1.0	0.646	
0.75	0.75	0.5		0.75	1.0	0.405
0.75	1.0			0.75		0.405
0.75		0.5		0.75	0.431	1.0
0.75	0.5	1.0	0.25	0.75	0.431	0.194
0.5	0.5		0.25	0.5		0.194
0.5	0.75	0.25	1.0	0.5	0.203	1.0
0.5		0.25		0.5		0.203
0.5	0.25	0.75	0.0	0.5	0.215	0.0
	0.25		0.0	0.5	0.215	1.0
0.25	0.5	0.0	0.75	0.25	0.569	0.0
0.25		0.0		0.25		0.806
0.25	0.0	0.5		0.25	0.0	
	0.0			0.25	0.0	
0.0	0.25			0.0	0.354	
0.0				0.0		
0.0				0.0		

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

$rgb \rightarrow cmyn^*$

1.0				
1.0				
1.0	1.0			
0.75	0.75			
0.75	1.0	1.0		
0.75	0.5			
0.75	0.75	1.0		
0.5	0.5	0.25		
0.5	0.75	0.75	1.0	1.0
0.5	0.25		1.0	
0.5	0.5	0.75	0.75	1.0
0.25	0.25		0.0	
0.25	0.5	0.5	0.75	
0.25	0.0			
0.25	0.25	0.25	0.5	
0.0	0.0			
0.0	0.25			
0.0				
0.0				

$cmyn^* \xrightarrow{e} cmyn^*_{el}$

1.0				
1.0				
1.0	1.0			
0.75	0.646			
0.75	1.0	1.0		
0.75	0.405			
0.75	0.785	1.0	1.0	
0.431	0.194			
0.5	0.797	1.0	1.0	1.0
0.5	0.203			0.0
0.5	0.569	0.806	1.0	
0.215	0.0			
0.25	0.595	0.806		
0.25	0.0			
0.25	0.354	0.595		
0.0	0.0			
0.0	0.354			
0.0				