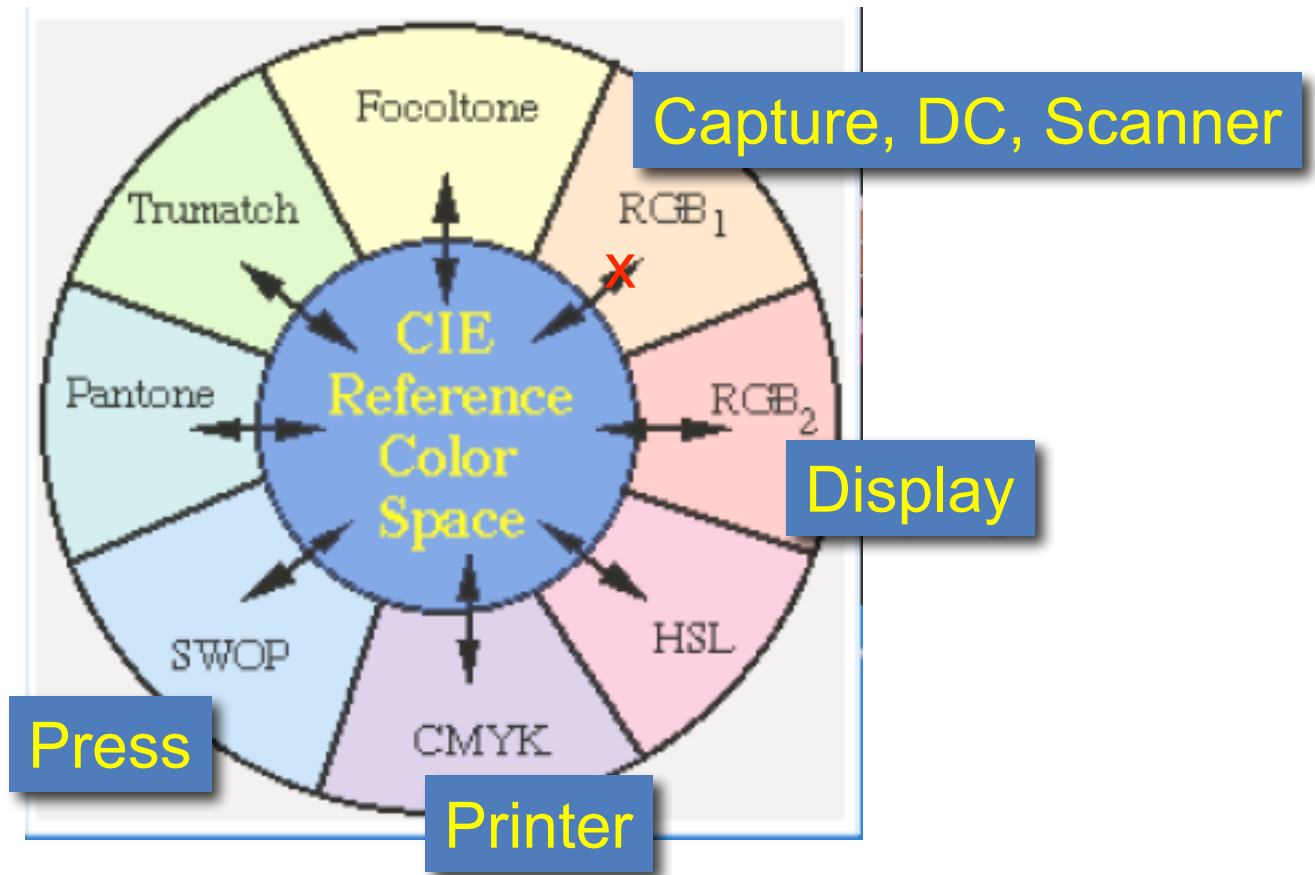


The Application

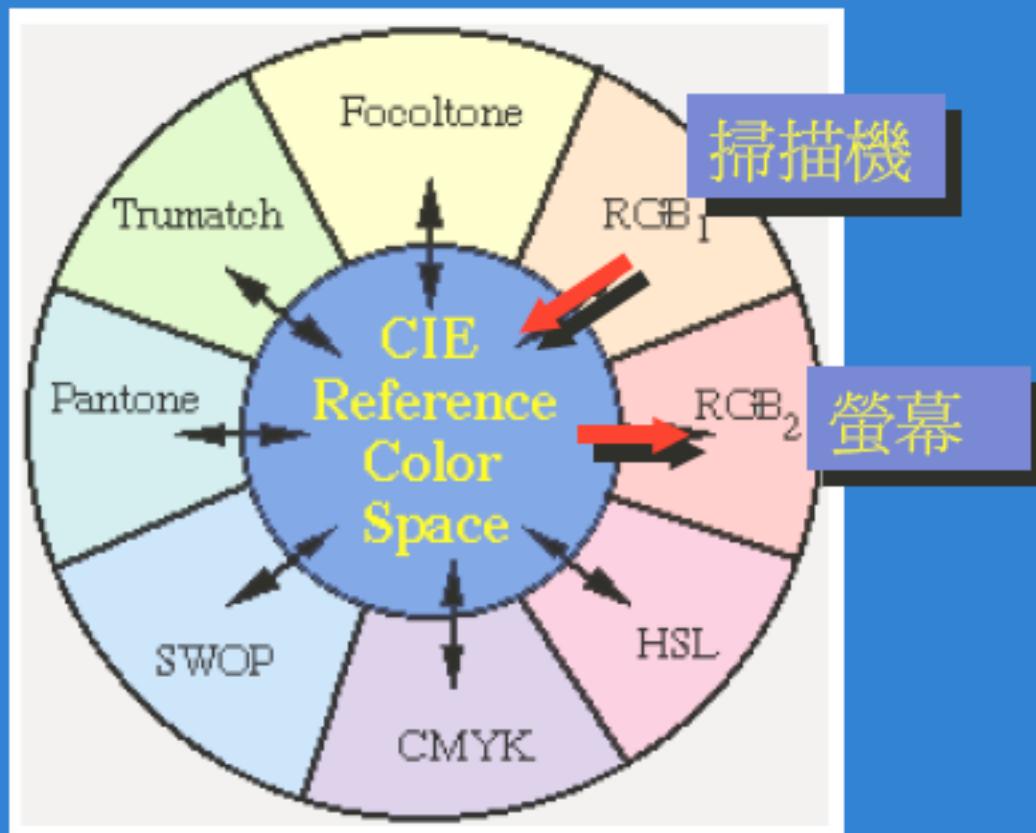


用在哪裡？怎麼用？

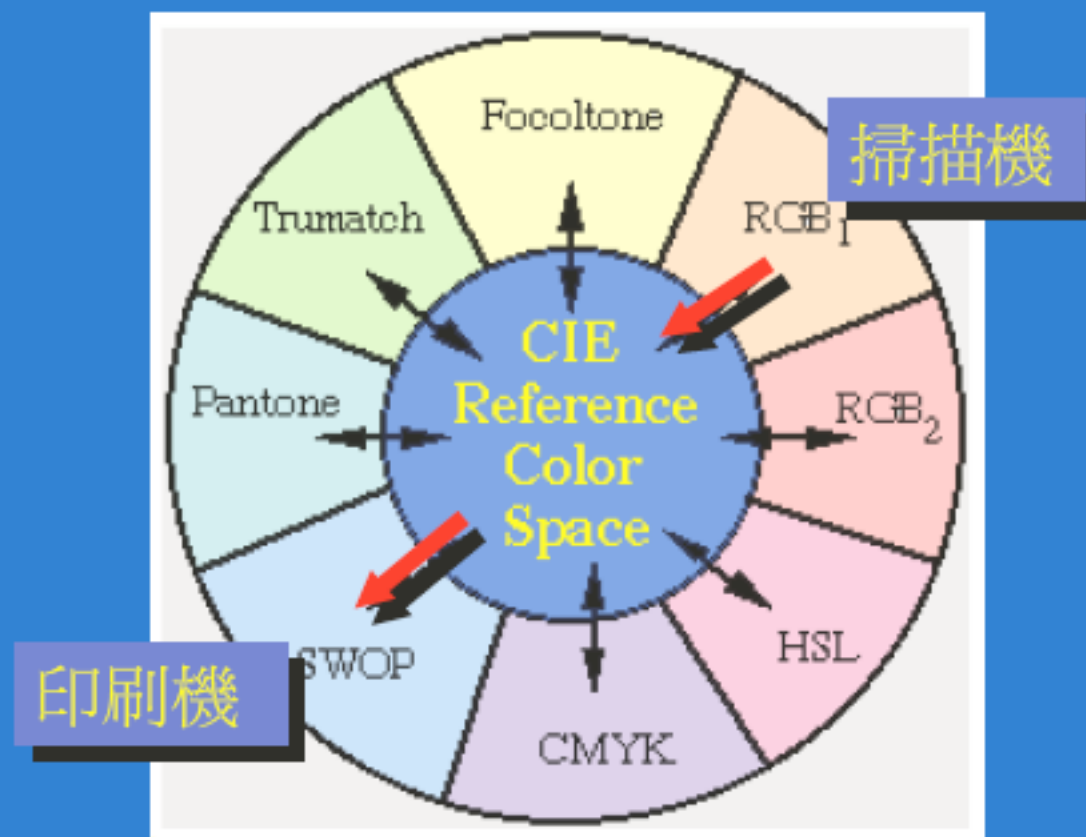
CMS application



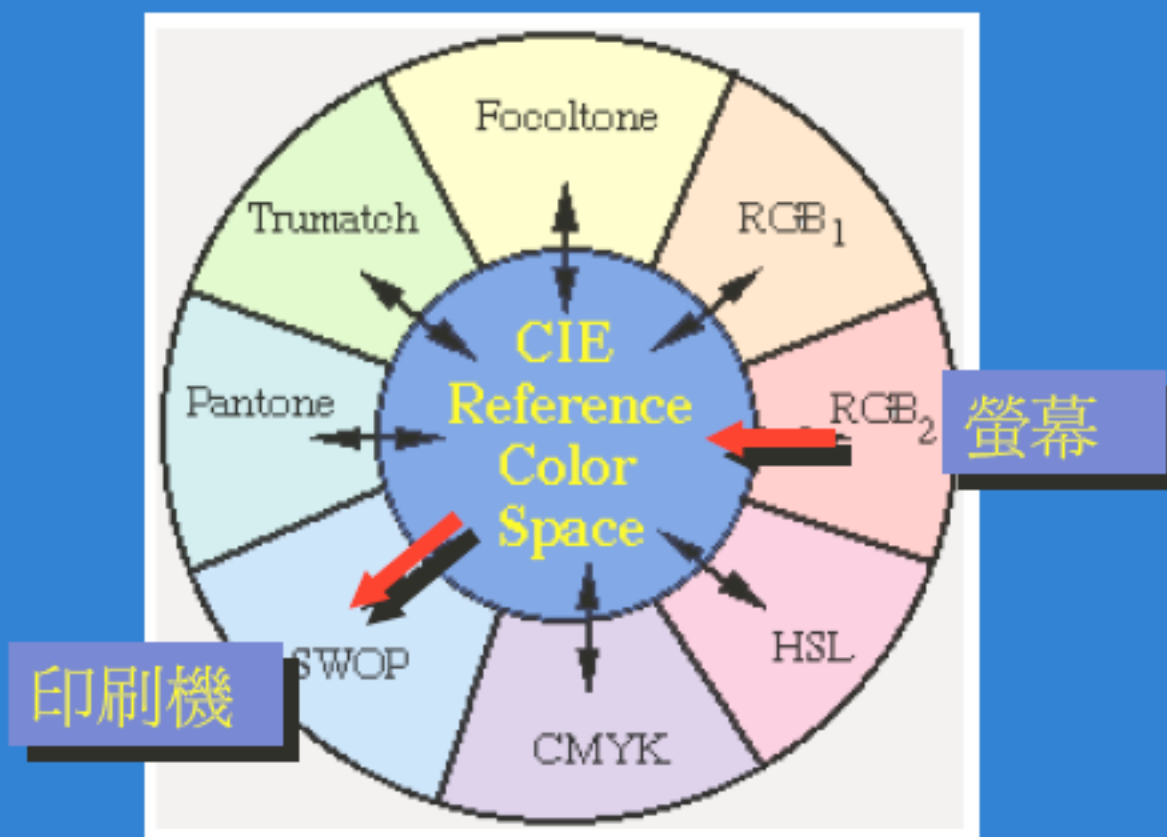
- 從掃描機到螢幕



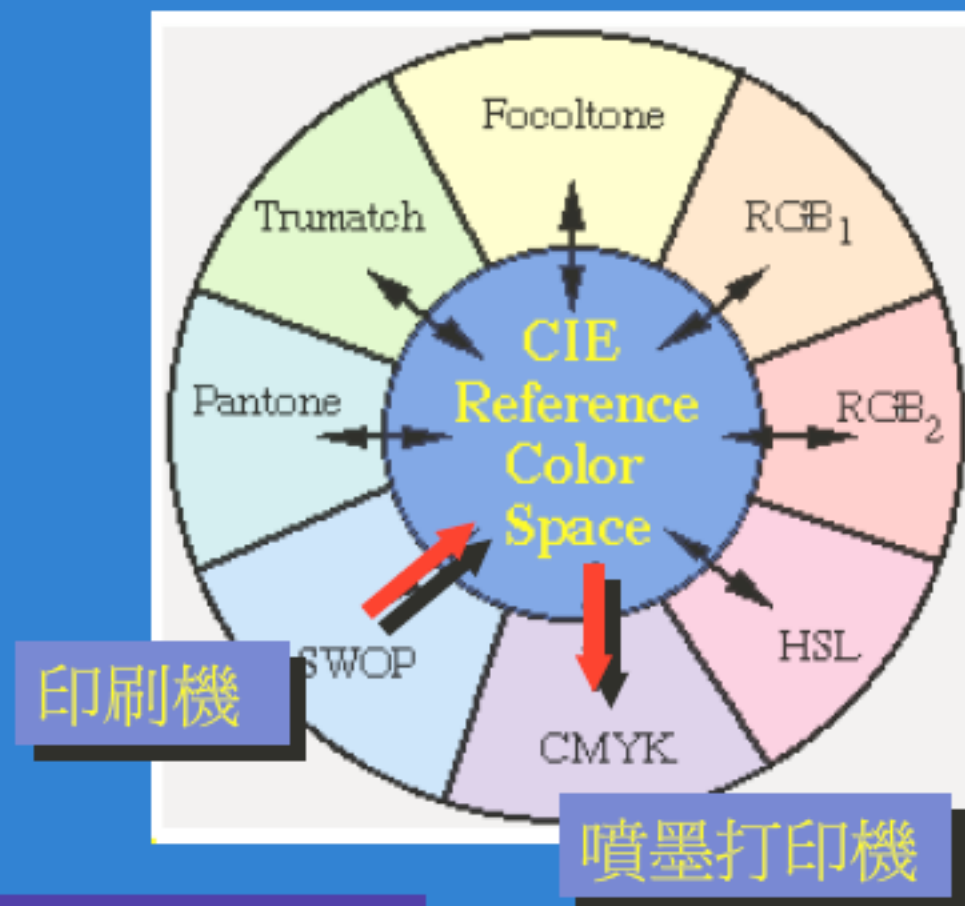
- 從掃描機到印刷機(分色)



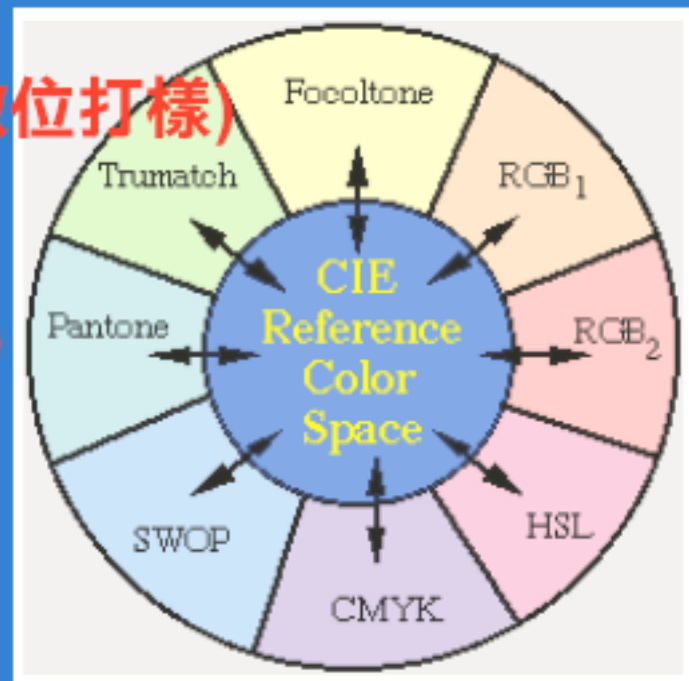
- 從螢幕到印刷機



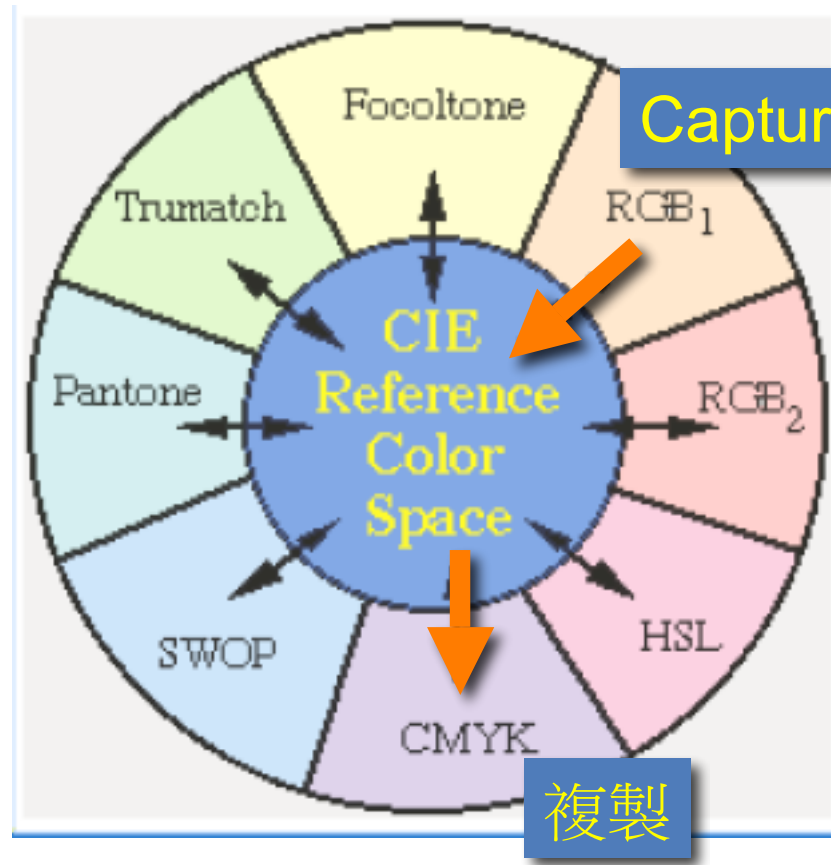
- 從印刷機到噴墨打印機(打樣)



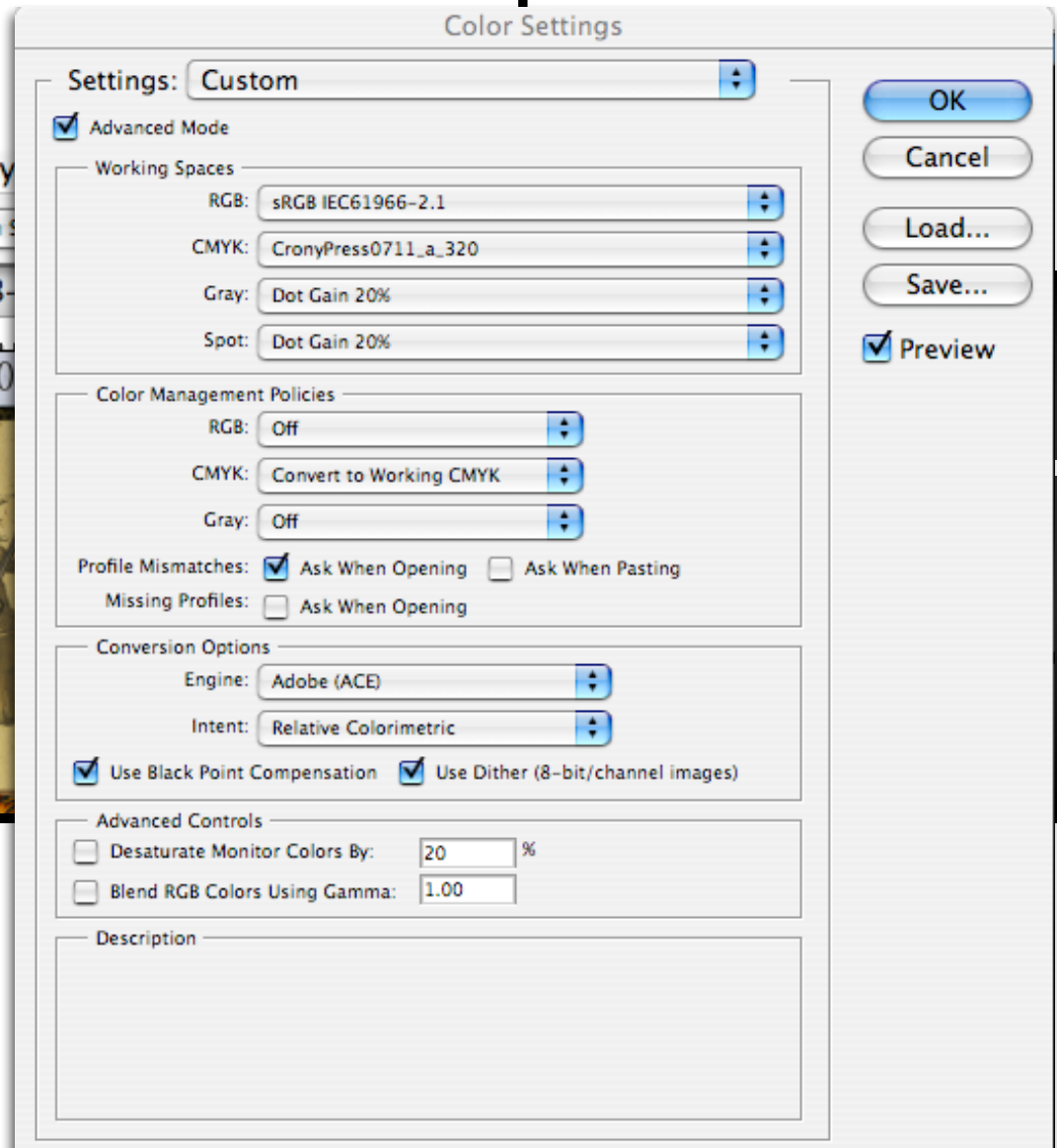
- 從掃描機到螢幕
- 從掃描機到印刷機(分色)
- 從螢幕到印刷機
- 從印刷機到噴墨打印機(數位打樣)
- 從印刷機到螢幕(軟打樣)
- 從螢幕到螢幕(網頁,多媒體)

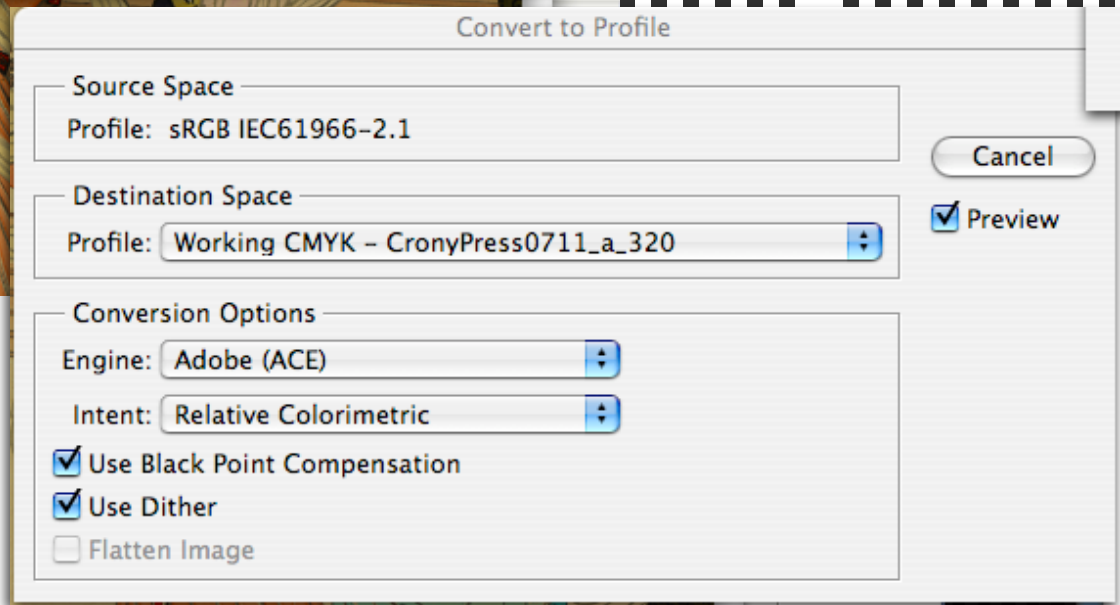
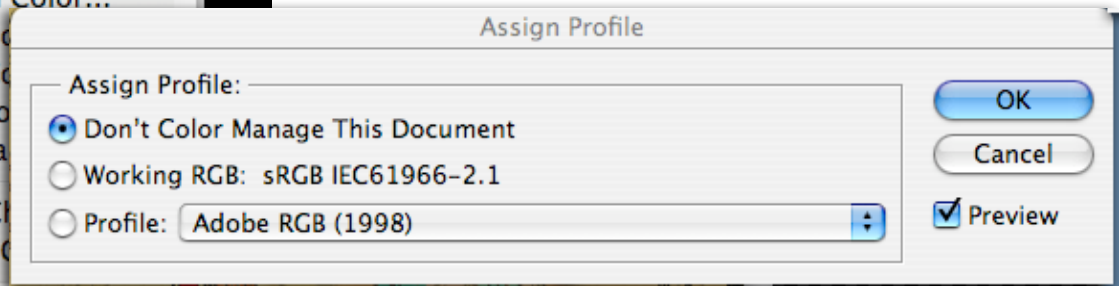
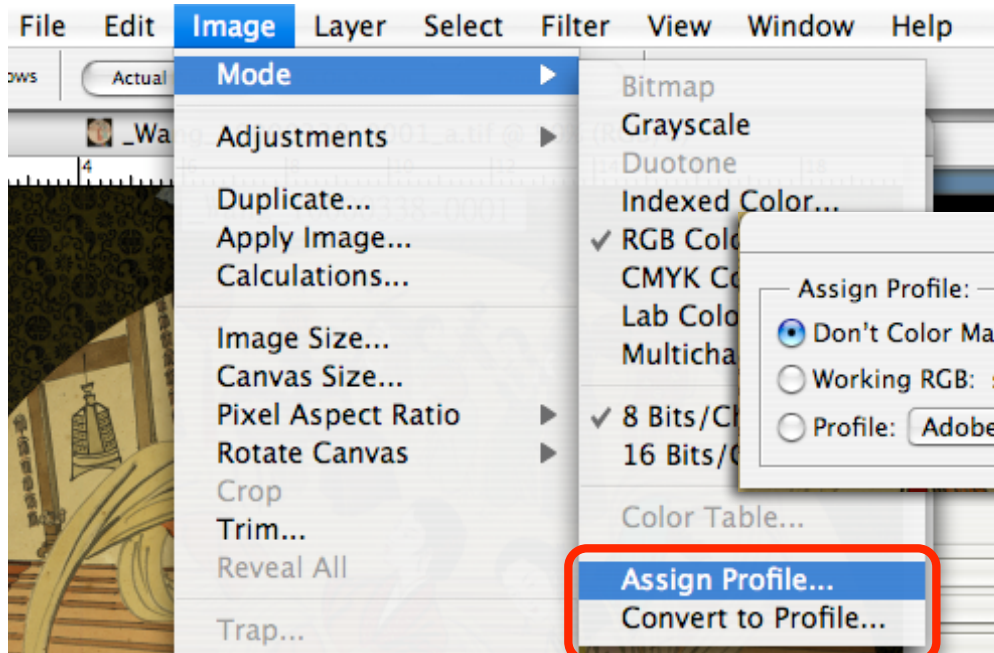


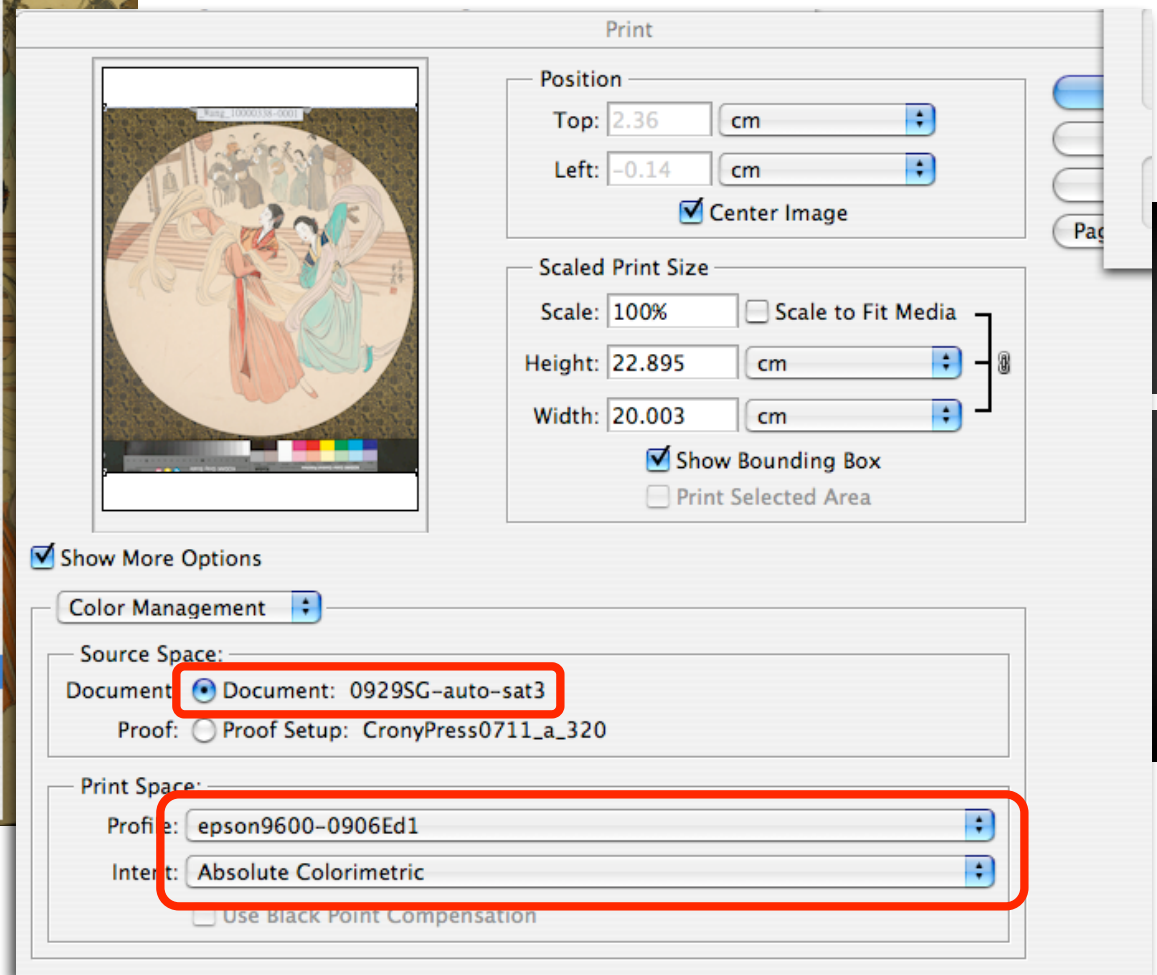
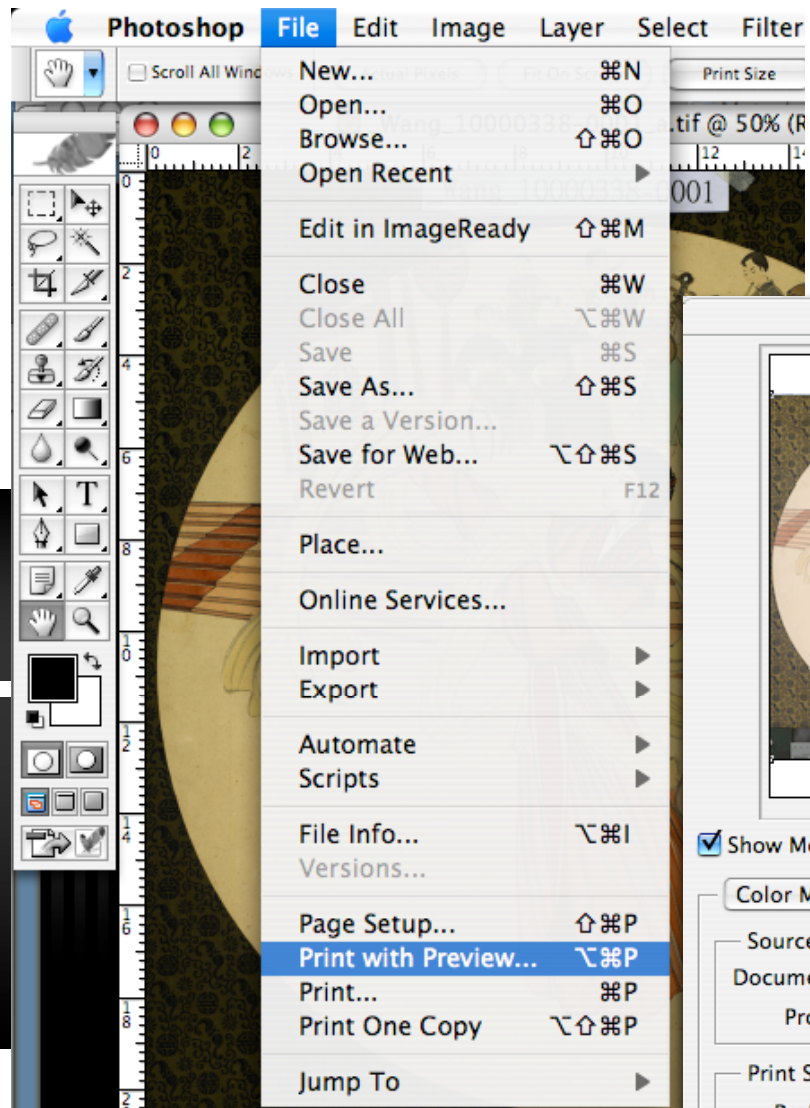
Application: 色彩學應用於數位典藏的兩個工作重點



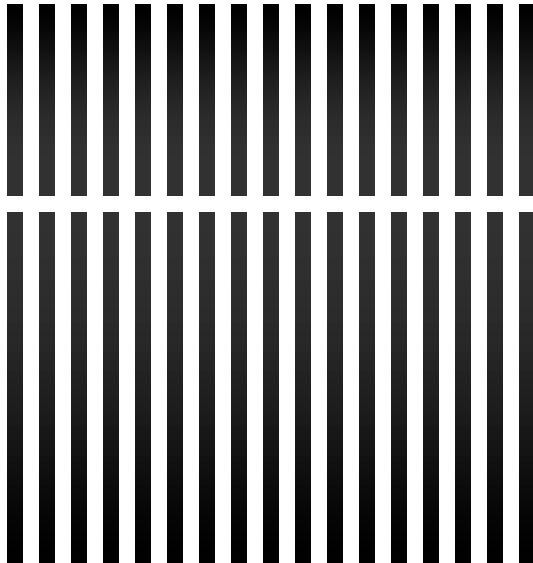
CMS on Adobe Photoshop







Digital Darkroom Spec.



Key Issues	ISO 3664 If digital images are to be edited on a display, Independent of printed output	ISO 12646 If digital images are to be edited on a display, and compared to printed output
REFERENCE ILLUMINANT	CIE D50	CIE D50
D50 COLOR RENDERING INDEX	90 or higher	90 or higher
D50 METAMERISM INDEX	Less than 4	Less than 4
AMBIENT LIGHT (White Point)	CIE D50 (5,000K or less, Not all 5,000K lamps are D50)	CIE D50 (5,000K or less, Not all 5,000K lamps are D50)
AMBIENT LIGHT (Editing Areas)	64 to 32 lux (or lower)	32 lux (or lower)
AMBIENT LIGHT (Proofing Areas)	1,500 to 2,500 lux	1,500 to 2,500 lux
AMBIENT LIGHT (Extraneous)	Baffle from all widows, point sources, etc.	Baffle from all widows, point sources, etc.
AMBIENT LIGHT (Glare)	No reflections on monitors	No reflections on monitors
Monitor (White Point)	CIE D65	CIE D50
Monitor (White Luminance)	75 cd/m ² to 100 cd/m ²	80 cd/m ² to 120 cd/m ²
Environmental Surfaces	Color-neutral surfaces; Walls 60% reflectance or less	Color-neutral surfaces; Walls 60% reflectance or less
Maintenance	Regularly test all devices for adherence to specifications	Regularly test all devices for adherence to specifications

