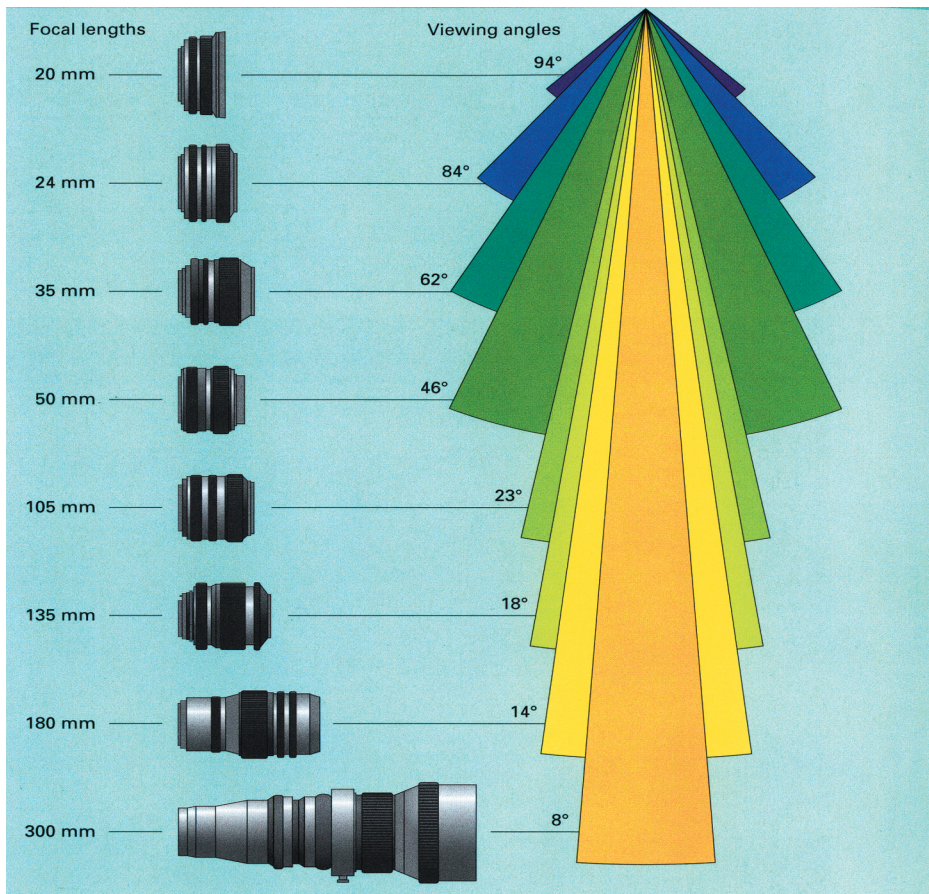
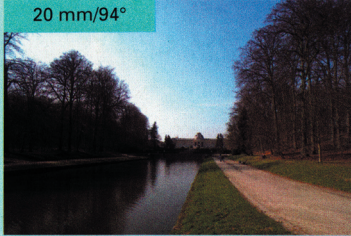


鏡頭焦點與視角



不同焦點鏡頭所呈現景象

20 mm/94°



24 mm/84°



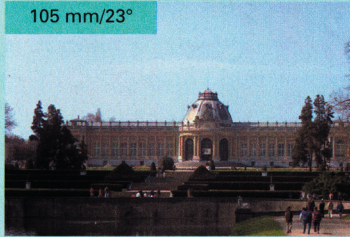
35 mm/62°



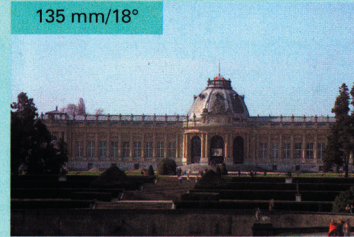
50 mm/46°



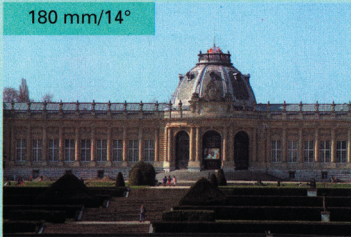
105 mm/23°



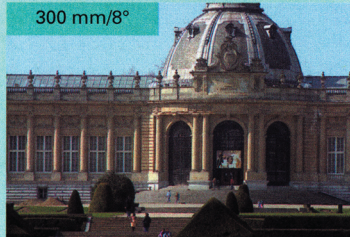
135 mm/18°



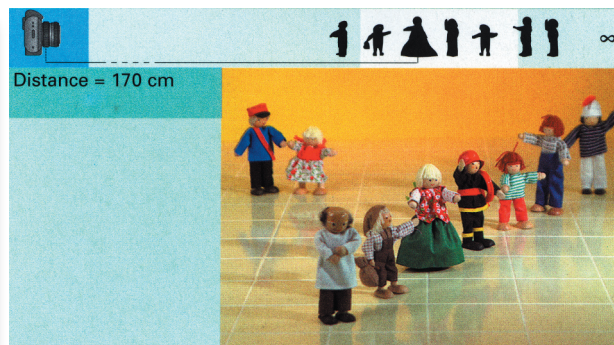
180 mm/14°



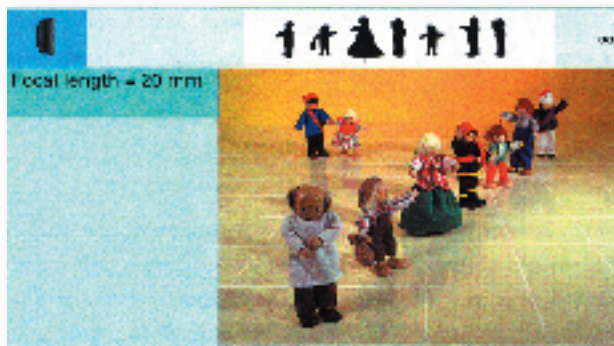
300 mm/8°



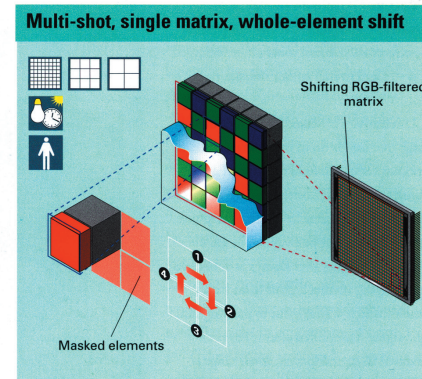
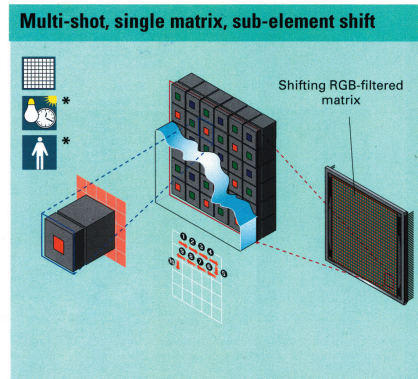
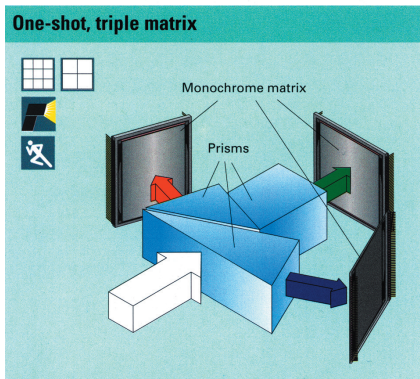
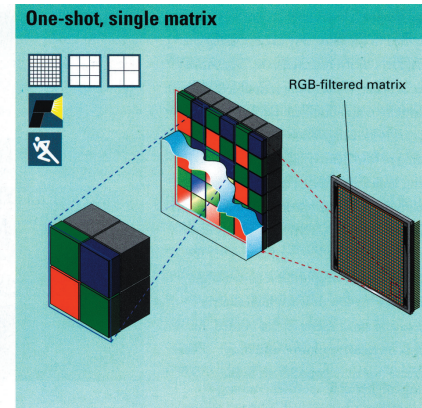
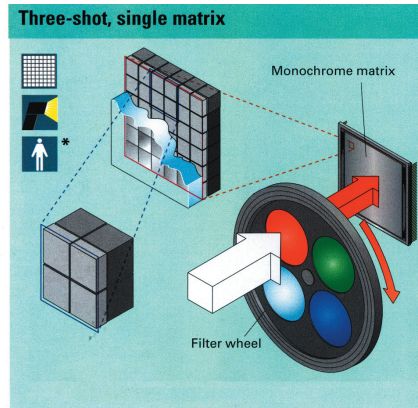
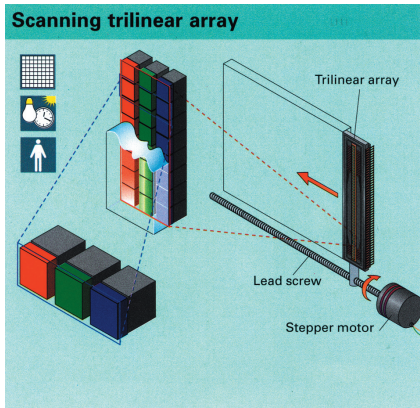
同鏡頭不同距離有不同的消失點



不同鏡頭有不同的透視比例

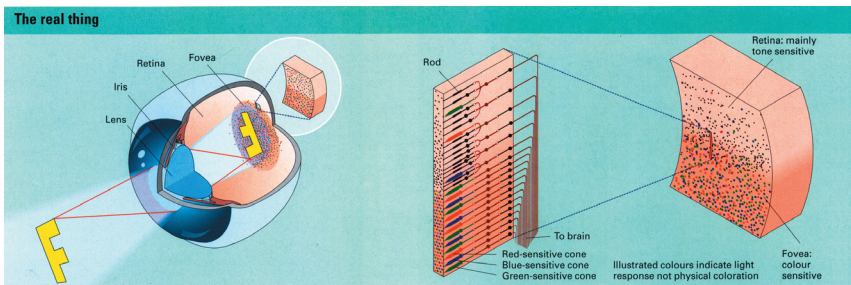


數位相機原理

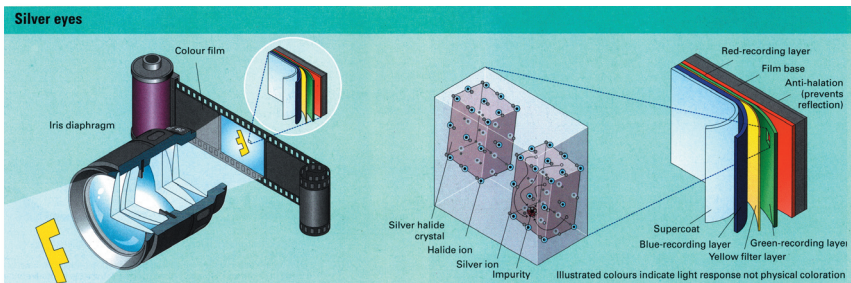


感光原理

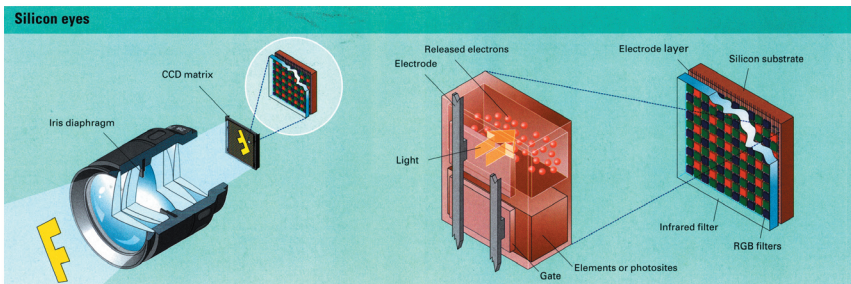
人眼感光原理



底片感光原理

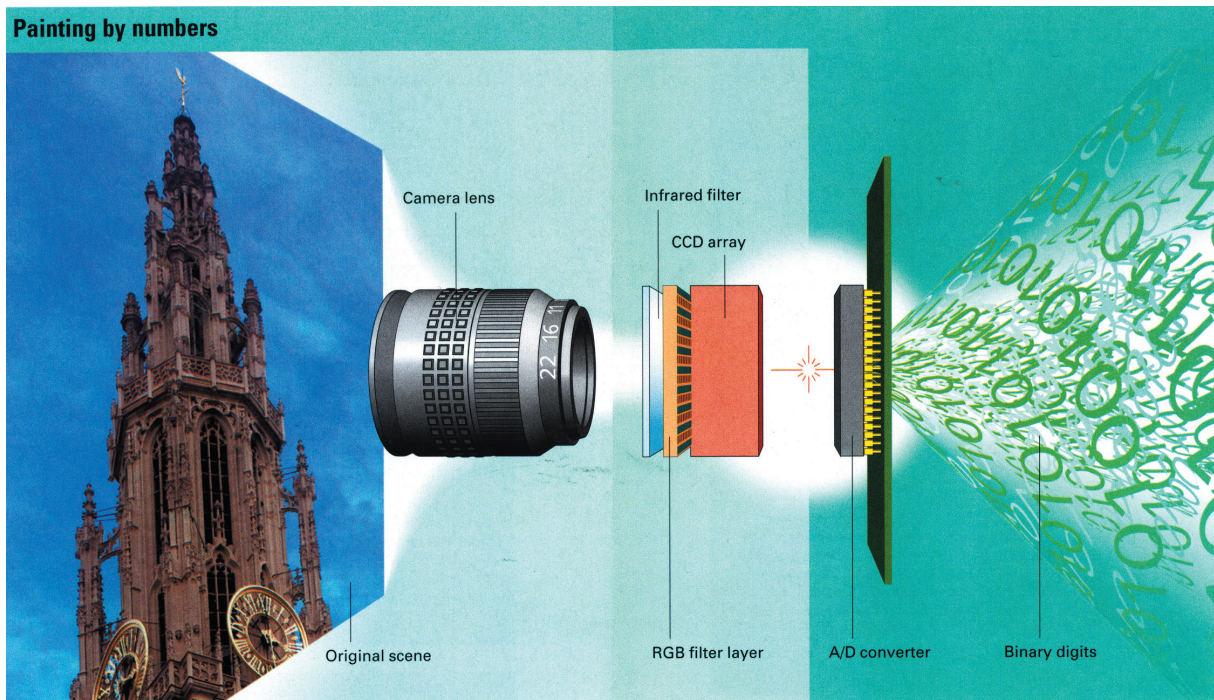


CCD感光原理

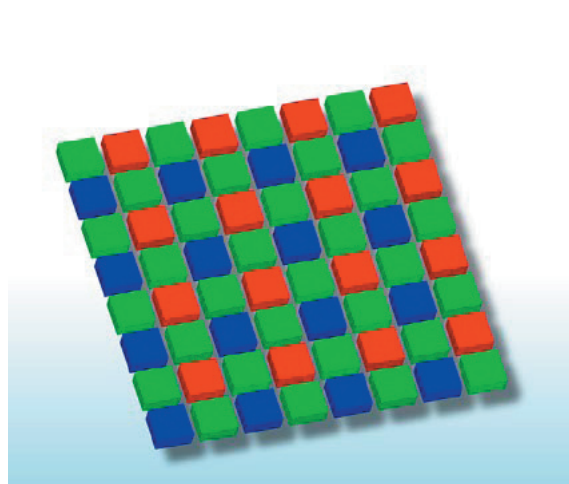
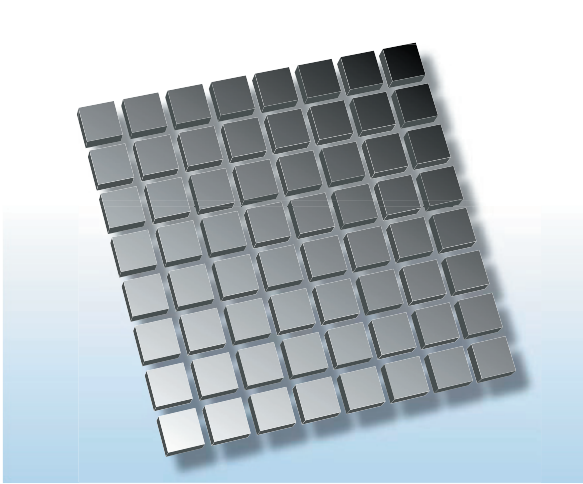


實景如何變成數位訊號

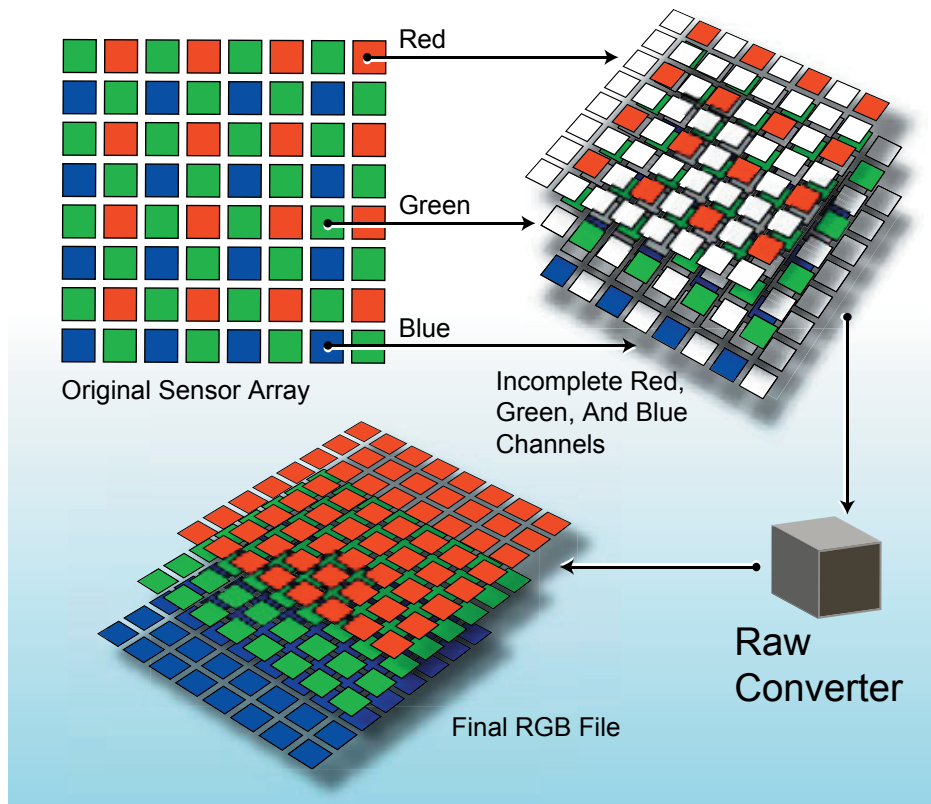
Painting by numbers



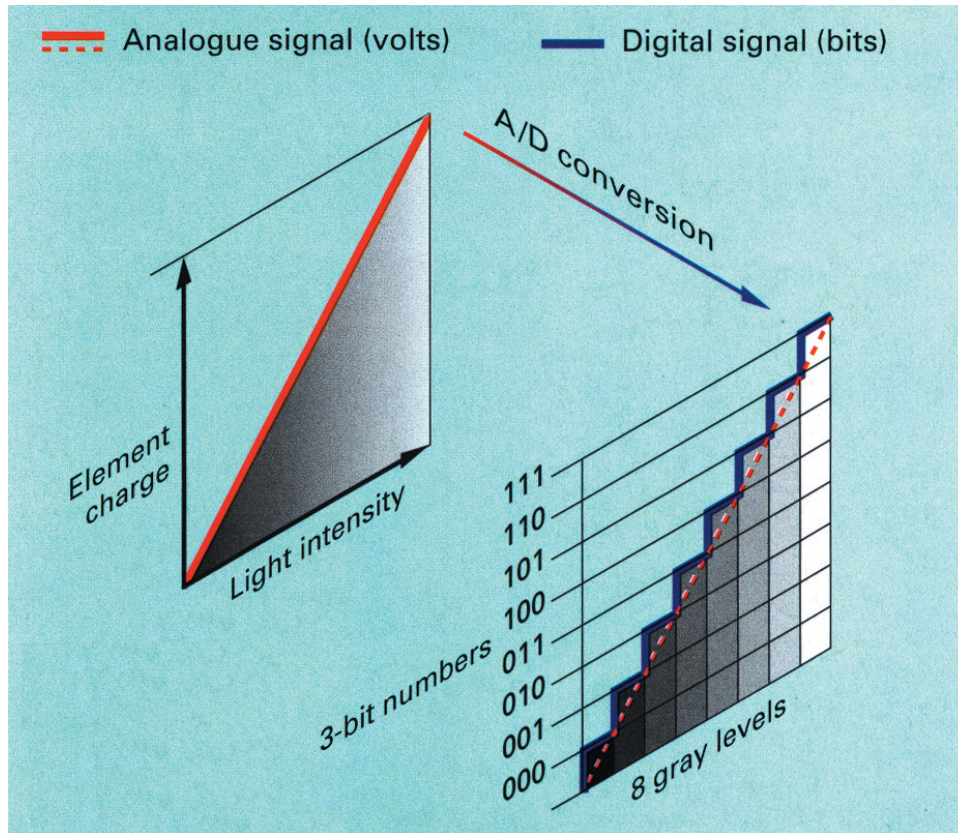
CCD是色盲



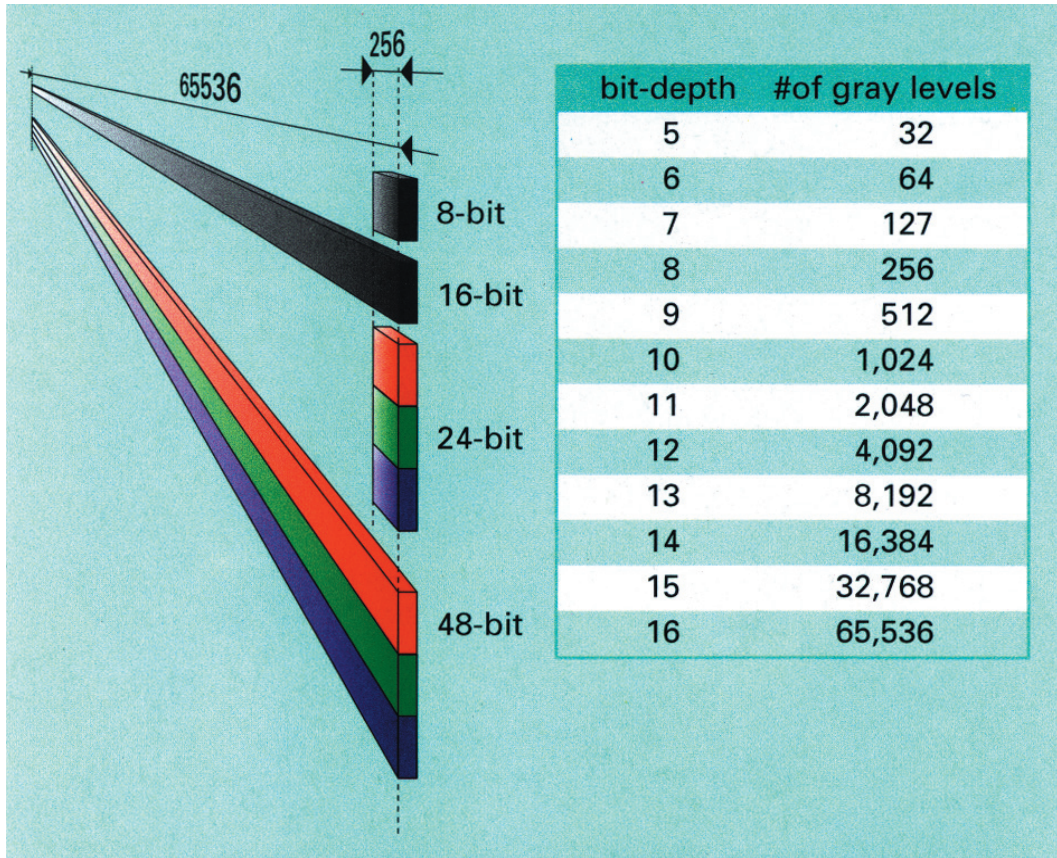
去馬賽克



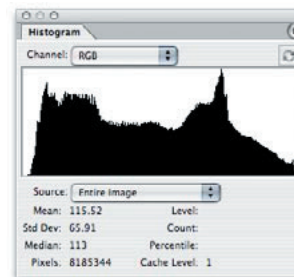
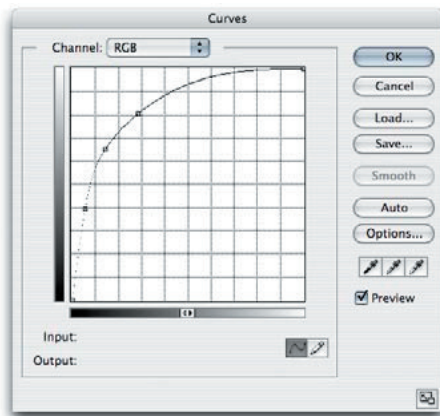
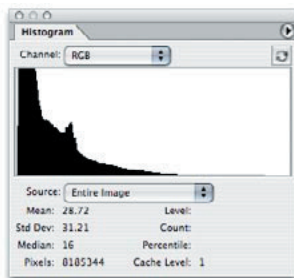
類比轉數位訊號



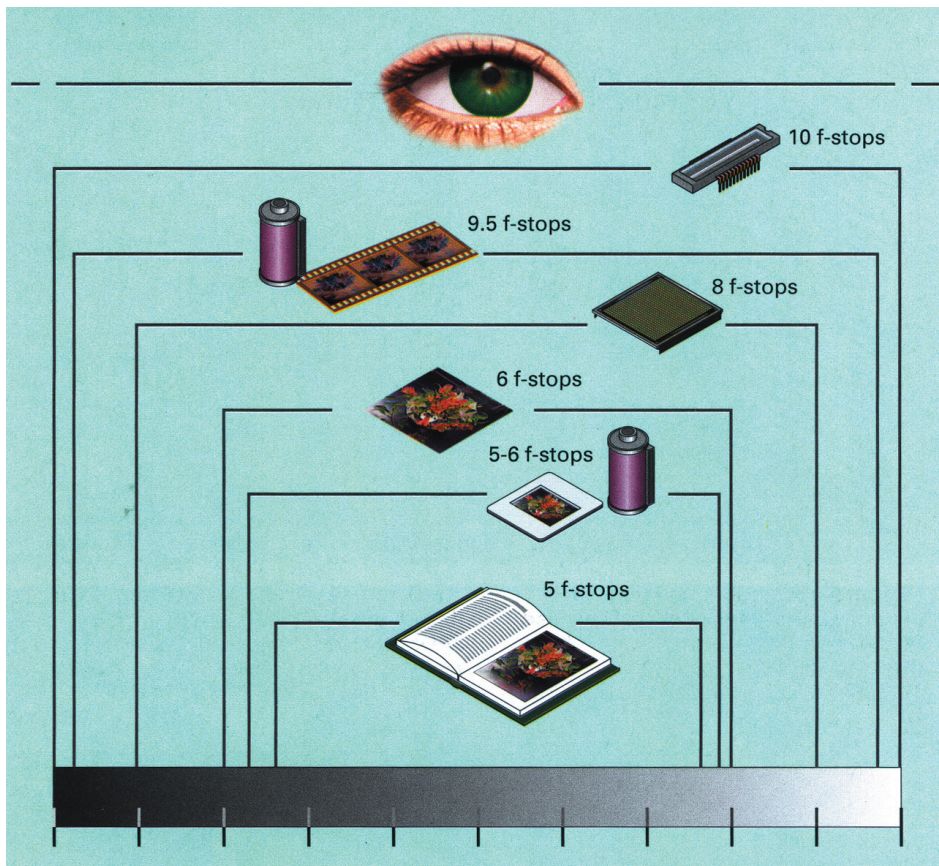
位元深度與灰階



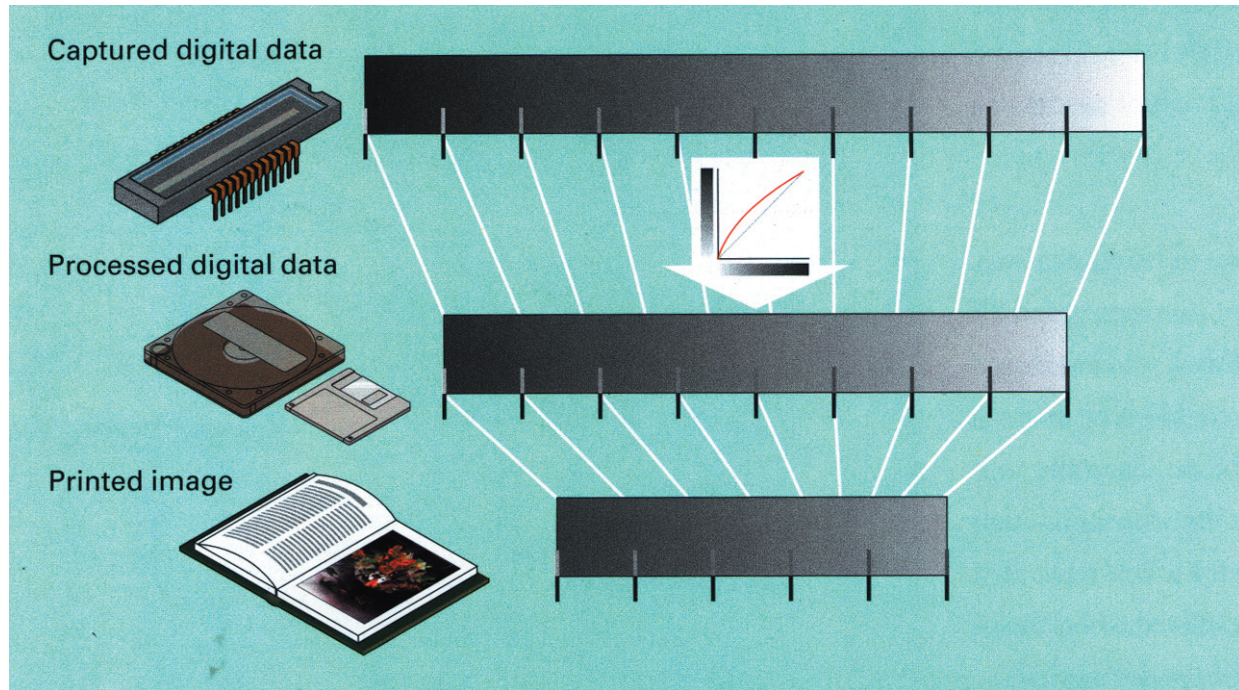
原始擷取以線性Gamma記錄, 以曲線校正Gamma後呈現



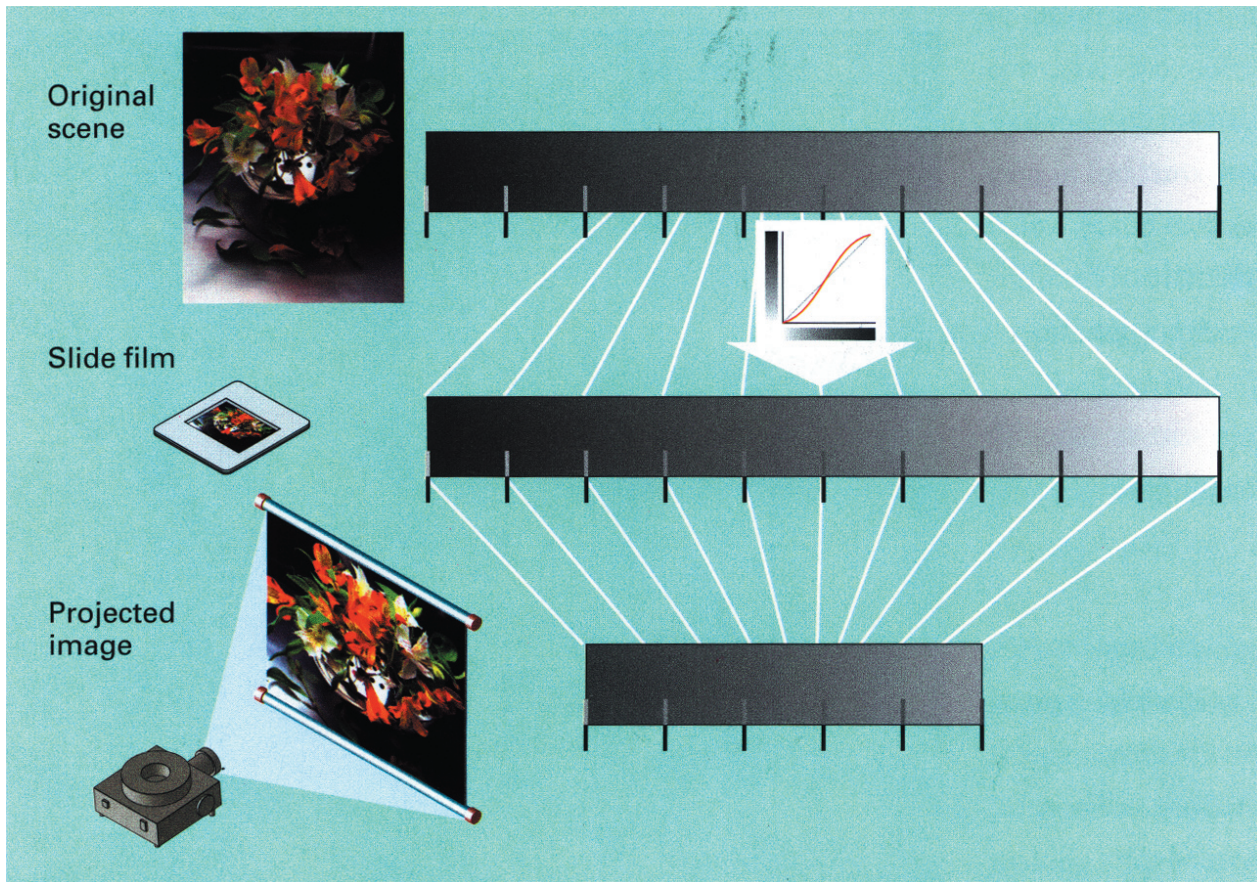
各類媒體寬容度比較圖



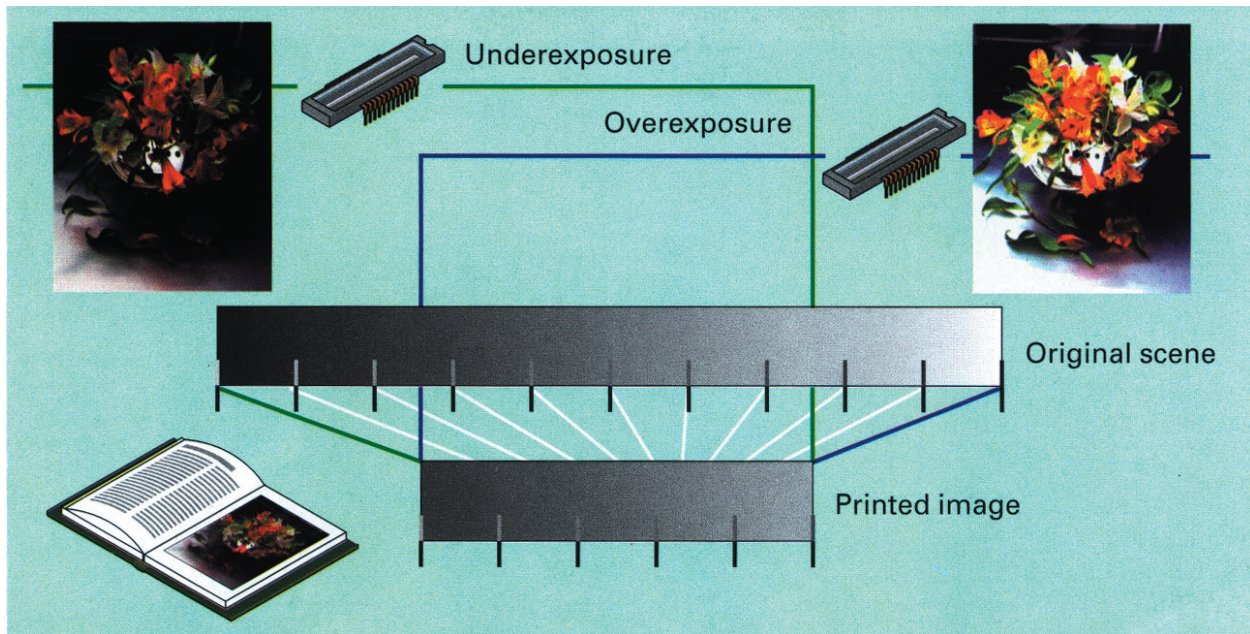
由CCD訊號經軟體處理到印刷



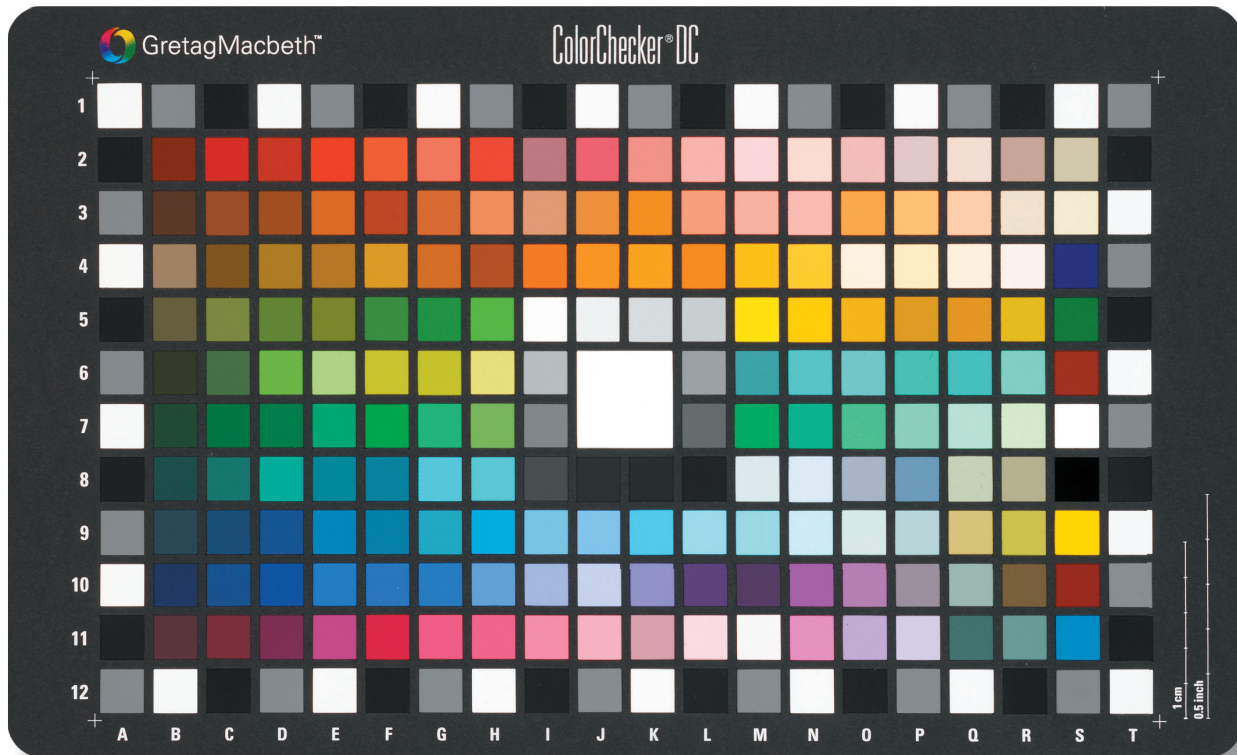
正片的成像考慮



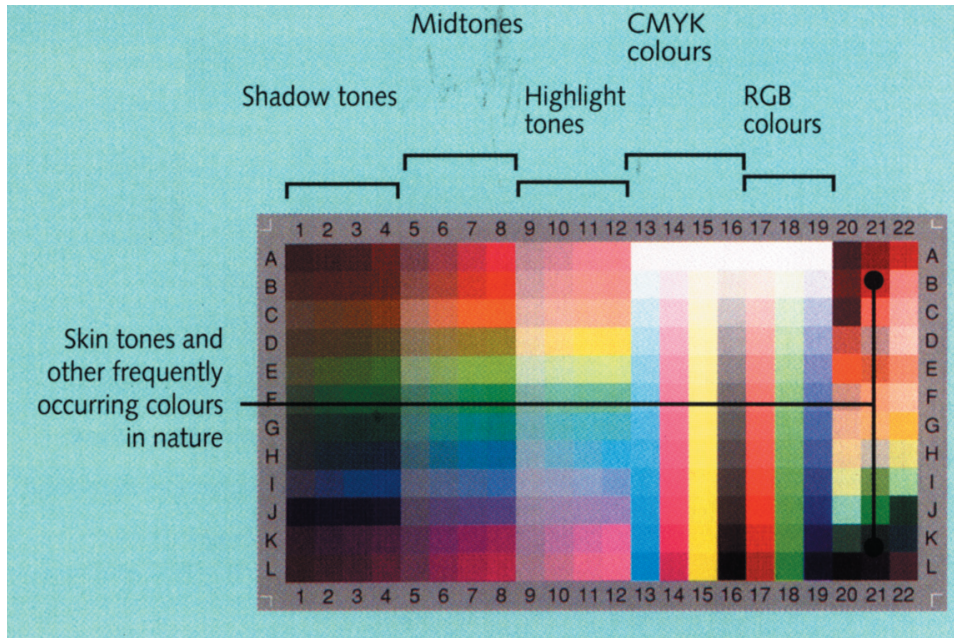
CCD階調對應印刷品



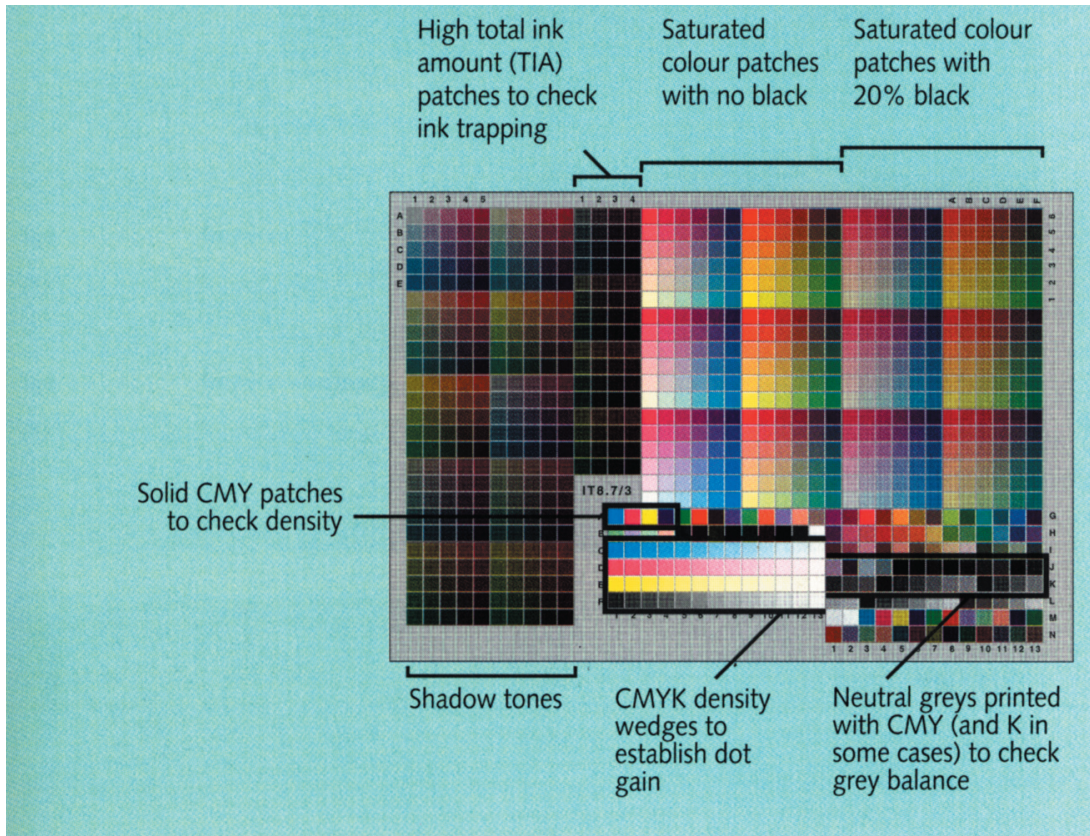
數位相機色彩管理導表



平台試掃描機色彩管理導表



輸出設備色彩管理導表



GretagMacbeth 攝影管理用導表



GretagMacbeth 以ProPhoto RGB 色域, 呈現RGB數值



81,66,52	160,138,116	94,102,134	74,86,56	118,111,154	128,168,157
164,117,48	79,75,140	143,84,80	68,51,83	144,168,74	184,155,61
59,48,126	85,123,67	122,58,46	200,188,68	142,83,123	76,108,145
241,241,241	190,190,190	145,145,145	104,104,104	67,67,67	37,37,37



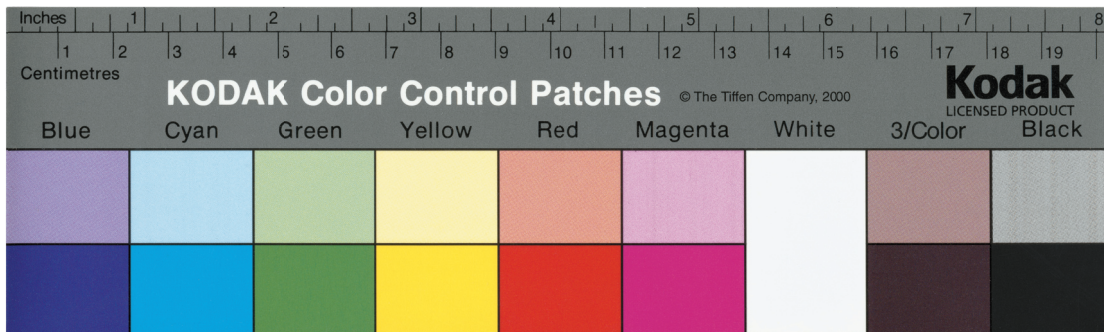
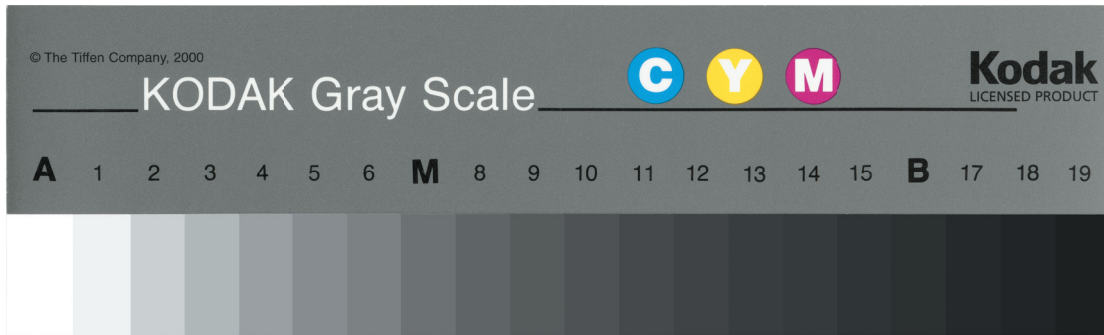
GretagMacbeth 以CMYK 數值呈現



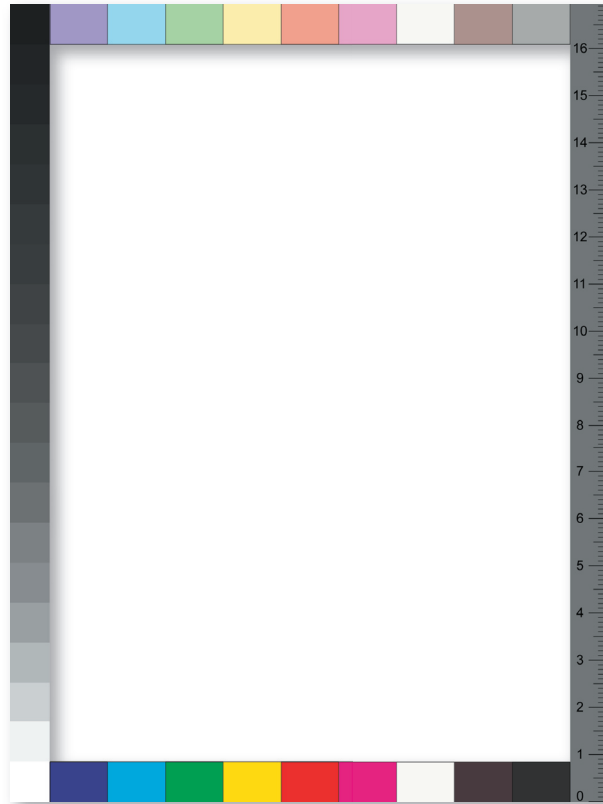
					
38.4, 77.6, 87.8, 39.6	4.31, 40.3, 45.8, 0.39	62.3, 37.6, 7.06, 1.57	56.8, 33.3, 83.5, 18	35.2, 41.1, 2.75, 0.39	49.8, 0, 44.7, 0
					
2.75, 53.7, 87, 0	96.8, 68.6, 14.9, 3.92	10.2, 87.8, 69.4, 1.96	66.2, 94.9, 31.3, 22.3	26.6, 0, 96.4, 0	1.96, 43.9, 93.3, 0
					
96.8, 96.4, 0, 0	75.6, 1.57, 97.6, 0	16.4, 94.5, 94.1, 4.31	2.35, 13.7, 93.9, 0.39	14.5, 94.1, 7.45, 0.78	90.5, 11.3, 4.31, 0.39
					
0, 0, 0, 0	2.35, 1.57, 1.18, 0	26.6, 18.8, 15.6, 3.14	45.1, 33.3, 30.5, 15.6	61.5, 47.8, 47.8, 45.8	0, 0, 0, 100



Kodak 灰階與色卡



自製色卡



線性平衡

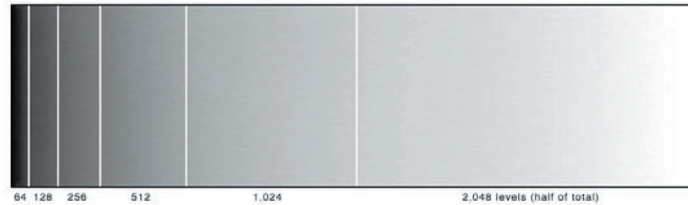
RGB



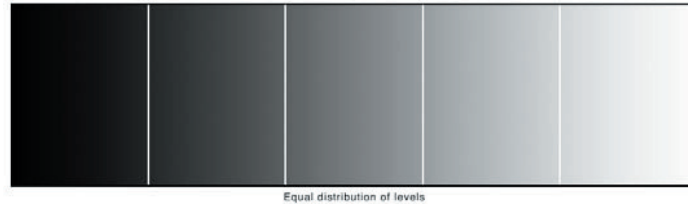
CMYK



Linear Distribution (Based upon a six stop sensor range)



Gamma Corrected Distribution

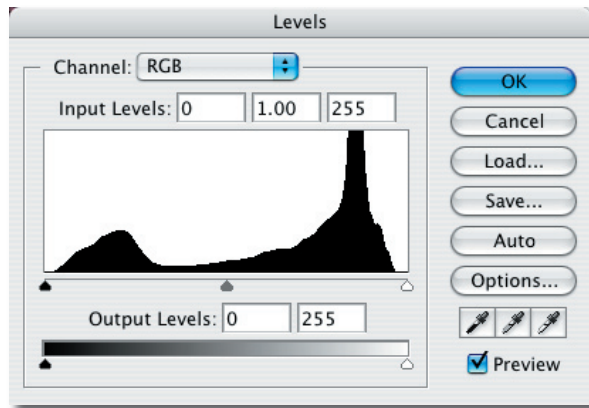


對應Profile的檢驗工具

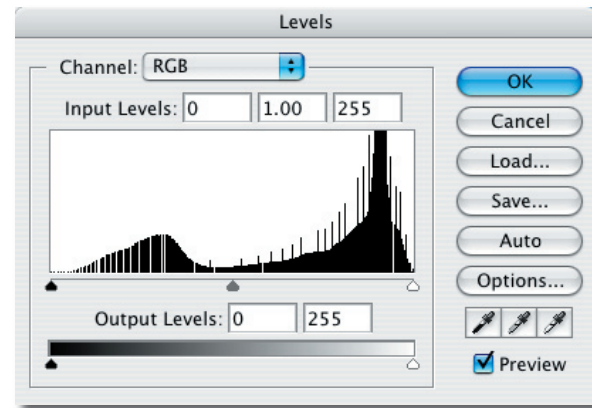


Photoshop破壞性的編輯作業

調整前



調整後



數位影像中繼資料 (1)



R020650BCWA.dng

Description

Camera Data 1
Camera Data 2
Categories
History
Origin
Advanced

Description

Document Title:

Author: eFoto Imaging

Description: R0020650BCWA 003

Description Writer:

Keywords:

! Commas can be used to separate keywords

Copyright Status: Unknown

Copyright Notice: Institute of History & Philology, Academia Sinica

Copyright Info URL:

Go To URL...

Powered By **xmp**

Created: 9/12/05
Modified: 9/12/05

Application:
Format: image/tiff

Cancel OK

數位影像中繼資料 (2)



R020650BCWA.dng

Camera Data 1

Description
Camera Data 1
Camera Data 2
Categories
History
Origin
Advanced

Make: Hasselblad/Imacon
Model: Ixpress 528C - Hasselblad CW
Date Time:
Shutter Speed: 1/4 sec
Exposure Program:
F-Stop: f/5.6
Aperture Value: f/5.6
Max Aperture Value:
ISO Speed Ratings: 50
Focal Length:
Lens:
Flash:

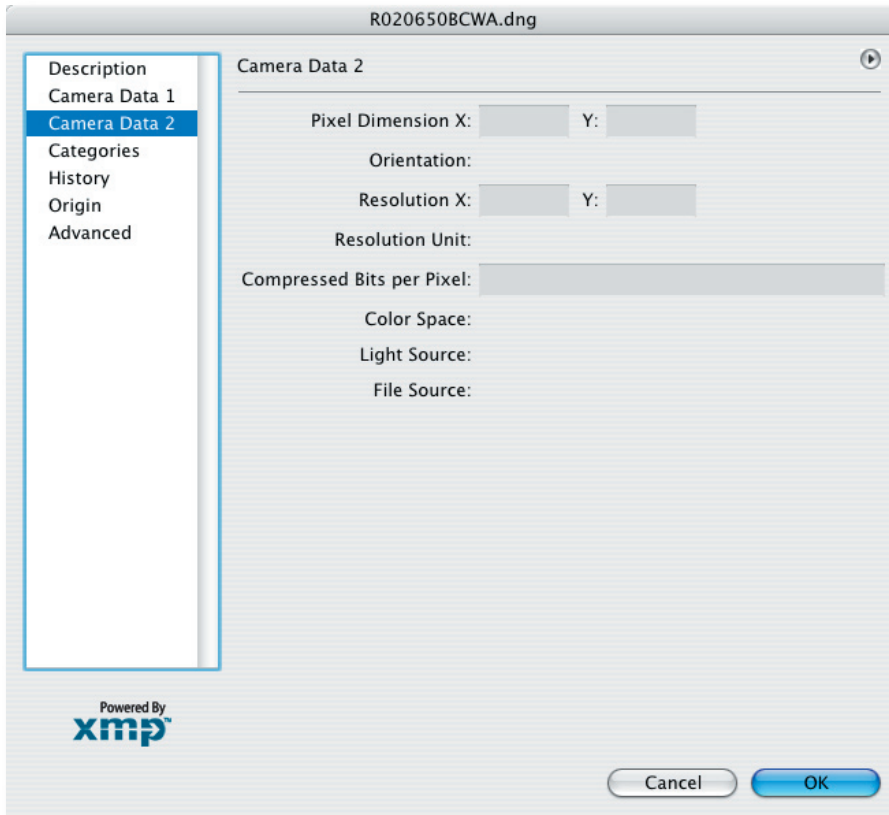
Metering Mode:

Powered By **xmp**

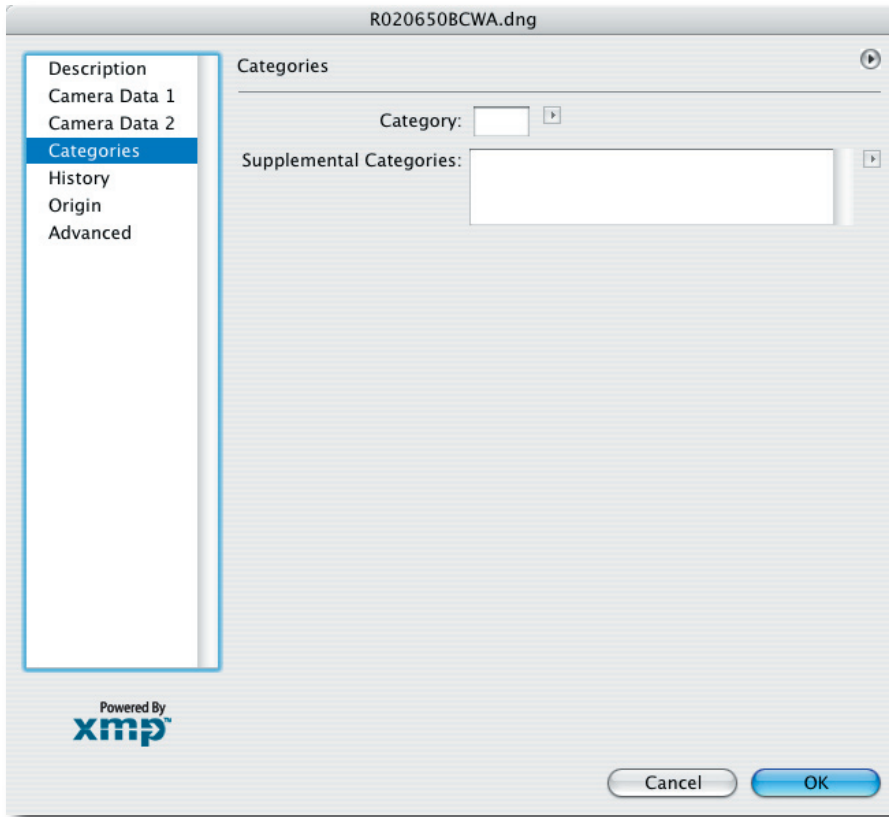
Cancel OK



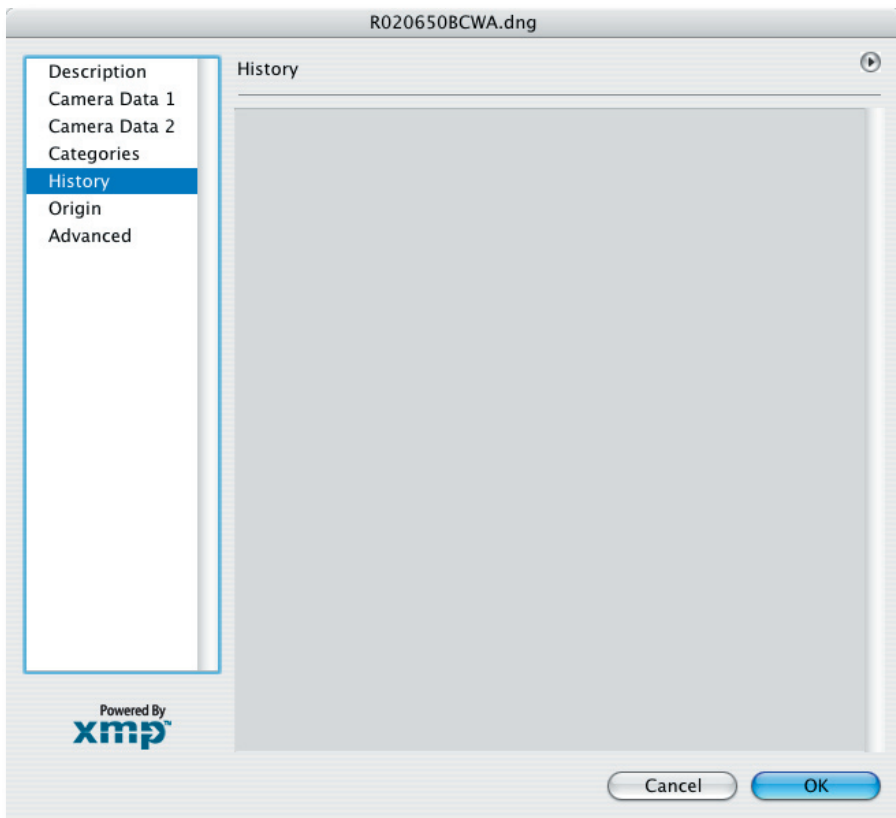
數位影像中繼資料 (3)



數位影像中繼資料 (4)



數位影像中繼資料 (5)



數位影像中繼資料 (6)



R020650BCWA.dng

Origin

Description
Camera Data 1
Camera Data 2
Categories
History
Origin
Advanced

Date Created: 5/18/05 Today

City:

State/Province: Country:

Credit:

Source:

Headline:

Instructions:

Transmission Reference:

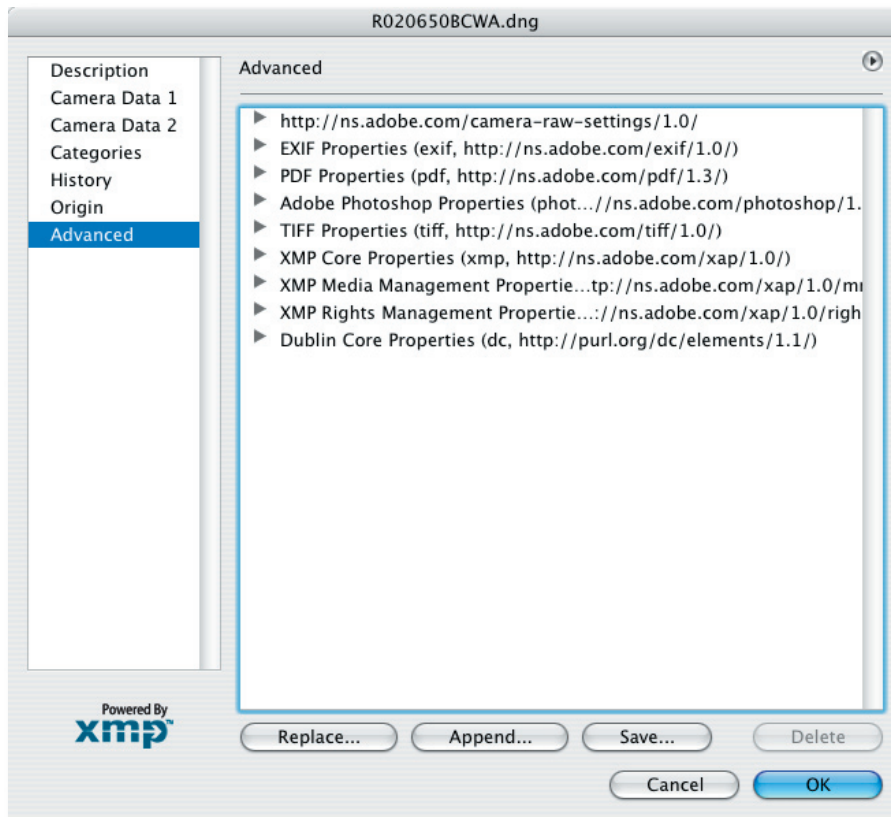
Urgency: None

Powered By **xmp**

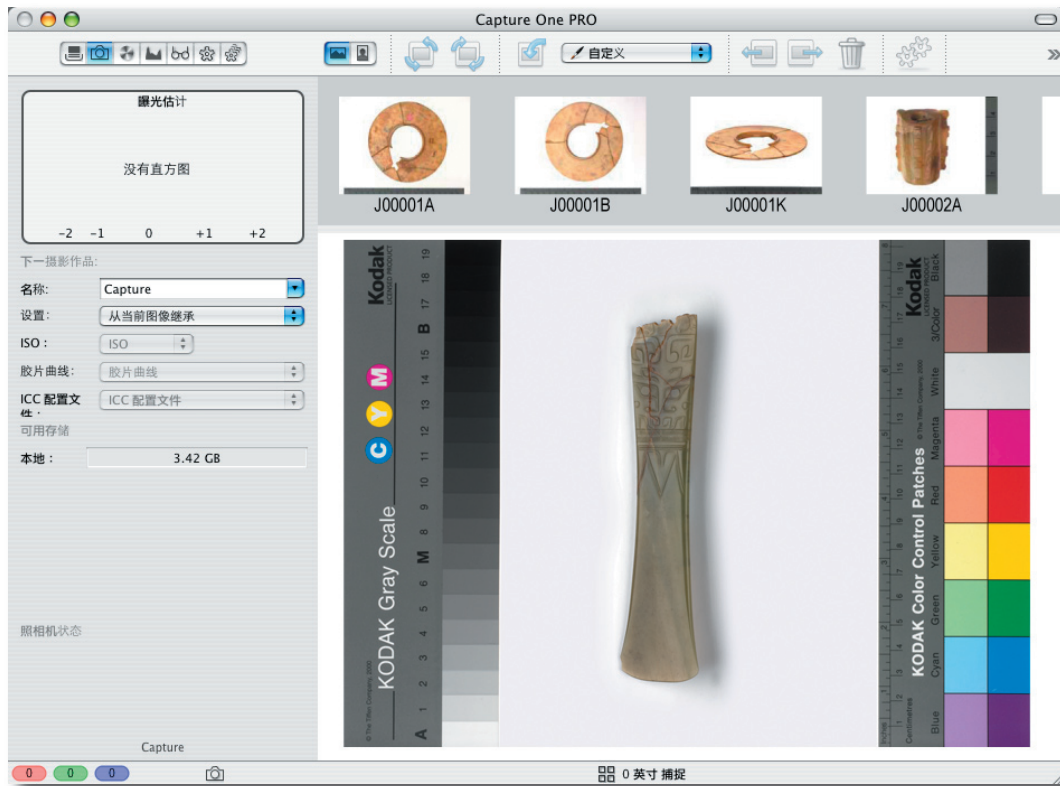
Cancel OK



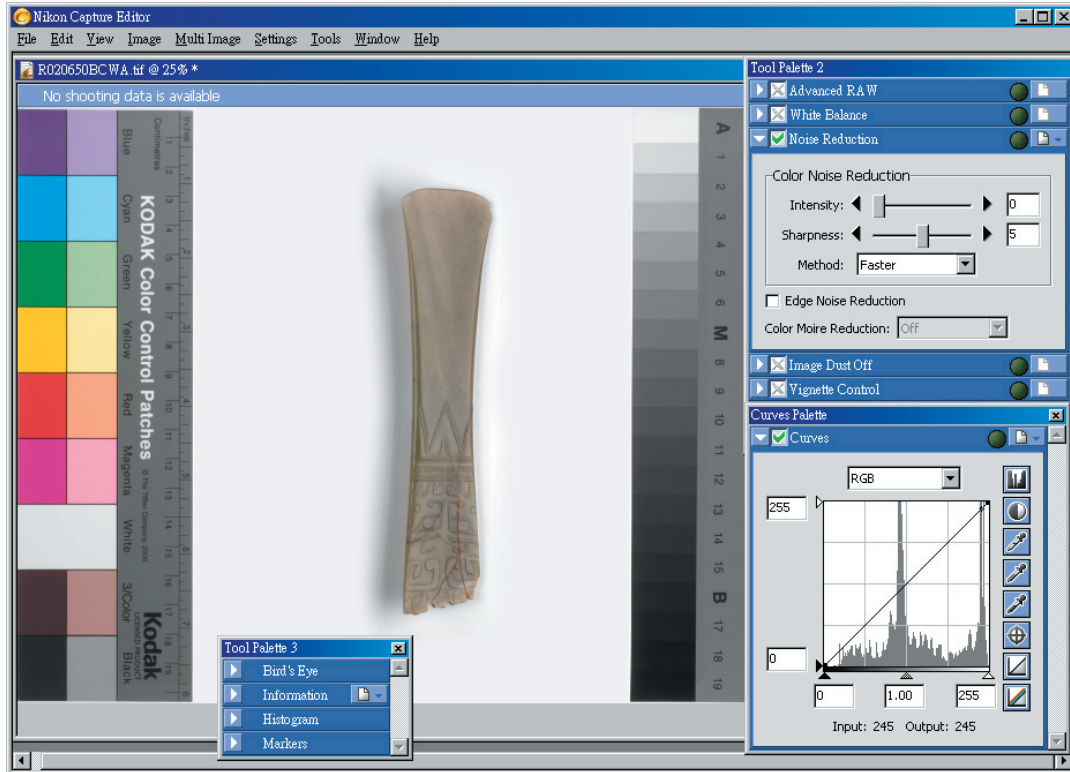
數位影像中繼資料 (7)



Capture One PRO



Nikon Capture Editor



謝謝各位評選委員 敬請指教



迪吉多影像館 承報

台北市新生南路三段106號7樓 www.efoto.com.tw e-mail: efoto@seed.net.tw
Tel:(02) 2367-6436 , 2365-1995 Fax:(02) 2368-6541

