

# 消費者偏好的跨國影響，生物差異與文化因素

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## 摘要

本研究主要探討國際行銷中，男女生理差異與跨文化影響因子，兩者對消費者偏好，孰較具影響力。以目前正流行的染髮為例，用白種人男女對髮色偏好與本國男女染色偏好對照比較。尋找生理與文化因子對染髮的影響程度。本研究主要採問卷調查方式，樣本採自大葉大學學生，共123名男性、163名女性。統計結果發現，以整體染髮色彩選擇偏好而言，他國跨文化的影響強過於男女視覺上的刺激反應。以男性而言，對黃色系確實有一面倒，偏愛黃色的傾向，也確定男性視覺對黃色有反應的假定。以女性而言，偏愛黃色系染劑乃跨文化的影響，但從中亦發現女性視覺對紅色系有所反應的事實。最終歸結，國際行銷觀念中除了以客製化產品符合當地文化偏好外，其社會的變遷、西化程度應當也要考慮在內。企業管理者可往這方面多觀察，其他舉凡現時的國情狀況、民族性，都可收作市場資訊。生理反應雖未在此例中得到印證，但值得學者作更深入的研究與開發。

關鍵詞：生物/生理因子；染髮；視覺色彩；文化

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1. 林佳燕, 「大學生個人特質因素對色彩嗜好關係之研究」, 國立交通大學, 2001。 2. 鍾豐建, 「應用明度彩色相差量於彩色印刷圖案之數位化視覺檢測」, 國立成功大學, 1996。 3. 白豐瑞, 「中國大陸市場文化區隔之研究」, 國立台灣科技大學, 2000。 4. 楊玉齡編譯, 螞蟻與孔雀(上) 耀眼羽毛背後的性擇之爭, 初版, 台北: 天下文化出版股份有限公司, 譯自Helena Cronin, 1997。 4. 李克強, 「紳士:三十年代上海男產的摩登形象」, 二十一世紀, 第50期, 1998年12月, pp. 78-83。 5. 鄧湘君, 「台灣廣告業跨國化的文化探索」, 私立輔仁大學, 2001。 Adams, F.M., & Osgood, C.E.(1973) A cross-cultural study of the affective meaning of color. *Journal of Cross-Cultural Psychology*, Vol. 4, No.2, 135-157. Angela M. brown, Delwin T. Lindsey(1995), Infant luminance and chromatic contrast sensitivity: Optokinetic Nystagmus data on 3-month-olds. *Vision Research*. Vol. 35, pp.3145-3160. Borman, Stu. (1992), New light shed on mechanism of human color vision. *Chemical & Engineering News*, 70,27-29. Bornstein, M.H.(1973), The psychophysical component of cultural difference in color naming and illusion susceptibility. *Behavior science Notes*, 8,41-101. Bradley Frank. (1991), *International Marketing Strategy*, Prentice Hall, pp.7-111. Child et al.(1968), Age and sex differences in children ' s color preferences. *Child development*,39, 237-247. Chou,S.K.,& Chen,H.P(1935).General versus specific color preferences of Chinese Students. *Journal of Social Psychology*, 6,290-314. Daniel, David B., Pelotte Mandy, et al(2000). Lack of sex differences on the Stroop color-word test across three age groups. *Perceptual and Motor Skills*,90, 483-484. Douglas, Mary, Baron Isherwood(1978). *The World of Goods: Towards an Anthropology of Consumption*, New York: W. W. Norton. Eysenck,ii.j.(1941).A critical and experimental study of color preferences.*American Journal of Psychology*,54,385-394. Feinman,S., & Gill, G.W.(1978). Sex differences in physical attractiveness preferences. *The Journal of Social Psychology*, 105,43-52. Gegenfurtner,K.R.& Rieger Jochem. (2000). Sensory and cognitive contributions of color to the recognition of natural scenes. *Current Biology*, 10,805-808. Glayson, dennis E. & Klassen, Michael L. (1989) Perception of attractiveness by obesity and hair color. *Perceptual and Motor Skills*,68, 199-202. Greene, Katherine S. & Gynther, Malcolm D. (1995), Blue versus periwinkle: Color identification and gender. *Perceptual and Motor Skills*, 27-32. Guilford,J.p.&Smith,P.C.(1959).A system of color-preferences. *The American Journal of Psychology*,73(4),487-502. Hoyenga, Katherine., and Wallace, Benjamin.(1979) Sex Differences in the Perception of Autokinetic Movement of an Afterimage. *Journal of General Psychology*, 100, 93-101. Jacobs, Gerald H. & Neitz, Jay(1985). Color Vision in Squirrel monkeys: Sex-related differences suggest the mode of inheritance. *Vision Research*, 25, pp. 141-143. Jacobs, Gerald H., Neitz, Maureen,at el(1996). Trichromatic colour vision in New world monkeys. *Nature*, 382, 156-158. Jacobs,G.H. Prospects for trichromatic color vision in male Cebus monkeys. *Behavioural Brain Research*, 1999,109-112. Jacobs G.H. (1998). A perspective on color vision in platyrhine monkeys. *Vision Research*, 3307-3313. Katz,S.E.,& Breed,F.S.(1922).The color reference of children. *Journal of applied Psychology*, 6, 255-265. Kotler, Philip, Swee Hoon Ang, Siew Meng Leong and Chin Tiong Tan, *Marketing Management*, 2th ed., Singapore: Prentice-Hall(Singapore) Pte Ltd.1999, p.185. Lee, Seonsu & Barnes, Jr. James H. Using color preferences in magazine advertising. *Journal of advertising research*, Dec.1989 /Jan.1990, 25-30. McGuinness, D.,& Lewis, I. Sex differences in visual persistence: Experiment on the eye movement during head rotations. *Perception*,1974,3,53-62. McInnis,J.II.&Shcarer,J.K.(1964).Relationship between color choices and selected preferences for the individual. *Journal of Home Economics Education*,56,181-187. Merbs & Nathans. (1992). *Nature*, 356,433. Miho Saito(1996). A comparative study of color preferences in Japan, China and Indonesia, with emphasis on the preference for white. *Perceptual & Motor skills*, Aug96, Vol.83, 115-128. Natalia Khouw. The meaning of color for gender. Download from Color matters(registered trademark of J.L.Morton.1995-1999) Pettersson,Rune. (1982) *International Review: Cultural differences in the Perception of Image and Color in Pictures.* " Educational Communication and Technology A Journal of Theory, Research, and Development, 43-53. Pedersen, Elaine L., Markee, Nancy L., Salusso, Carol J. (1994), Gender differences in characteristics reported to be important features of physical attractiveness. *Perceptual and Motor Skills*, 79,1539-1544. Richard, E. (1964) Conversation with Carl Jung. Princeton, NJ: Van Nostrand. Sahlins, Marshall(1976), *Culture and Practical Reason*, Chicago, IL: University of Chicago Press. Seefeldt, Michael F. (1979), The Luscher color test: Sex differences in color preference. *Perceptual and Motor Skills*,48, 896-898. Silver, Clayton N., & Ferrante Rozana(1995), Sex differences in color preferences among an elderly sample. *Perceptual and Motor skills*,80, 921-922. Staples,R.(1932). The response of infants to color. *Journal of experimental psychology*, 15,119-141. Shen,N.C.(1937). The color preference of 1368 Chinese students, with special reference to the most preferred color. *Journal of social psychology*, 8,185-204. Silvar,S.D.,& Pollack,R.H.(1967) Racial differences in pigmentation of the fundus oculi. *Psychonomic Science*, 7,159-160. Yoshida-CA, Sakuraba-S. (1996), The use of films to simulate age-related declines in Yellow Vision. *Journal of occupational rehabilitation*. Vol.6, Iss.2, pp.119-134.