

모발 염색에 따른 광택도의 변화

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Hair dyeing and the consequential change in luster

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Abstract

Hair luster is a key objective for consumers in the hair care market. Recently, as consumers using hair coloring or bleaching product increase, measurement and quantification of hair luster become more important. A hair visual appearance measurement system called SAMBA can quantitate the luster and effectively separate specular and diffuse light.

SAMBA usually has been employed to measure, mainly with the change of shine value, effects of cosmetic treatments on hair shine and surface smoothness.

We conducted a study on the effect of dyeing and bleaching on the luster, as a result, a strong bleaching caused large decline of the luster. But the large decline of luster was caused by increasing intensity of diffusion and width of chroma peak, not the shine value.

The system of dye toning for higher luster can be developed on reference to the peak type of chroma and diffusion depends on kinds and combination of dye.

참고문헌

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