

Abstract

Provided is a retardation film capable of achieving an image display apparatus having a neutral hue in an oblique direction. The retardation film of the present invention has a photoelastic coefficient of $14 \times 10^{-12} \text{ Pa}^{-1}$ or less, has in-plane retardations R_e that satisfy relationships of $100 \text{ nm} \leq R_e(550) \leq 160 \text{ nm}$, $R_e(450)/R_e(550) \leq 1$, and $R_e(650)/R_e(550) \geq 1$, and has N_z coefficients that satisfy relationships of $0.4 < N_z(550) < 0.6$, $0 \leq |N_z(450) - N_z(550)| \leq 0.1$, and $0 \leq |N_z(650) - N_z(550)| \leq 0.1$.

FIG. 1