RADIATION-SENSITIVE COMPOSITION FOR THE FORMATION OF COLORED LAYERS, COLOR FILTERS, AND COLOR LIQUID CRYSTAL DISPLAY

Abstract

Provided is a radiation-sensitive composition for forming a colored layer, the radiation-sensitive composition being capable of forming, even in low exposure dose, a pixel having a moderate normal-taper shape and being excellent in residual film thickness and adhesiveness. The radiation-sensitive composition for forming a colored layer includes a colorant (A), an alkali-soluble resin (B), a polyfunctional monomer (C), and a photopolymerization initiator (D), the radiation-sensitive composition comprising 100 to 300 parts by weight of a compound having a caprolactone structure and two or more polymerizable unsaturated bonds in the molecules, as the polyfunctional monomer (C), with respect to 100 parts by weight of the alkali-soluble resin (B).

Figure 1