

Abstract of the Disclosure:

A radiation sensitive composition for color filters which can provide red pixels having a high light transmittance and a high contrast ratio without foreign matter or with a trace amount of foreign matter produced thereon at a high production yield.

This composition comprises a pigment, an alkali-soluble resin, a polyfunctional monomer or a combination of a polyfunctional monomer and a monofunctional monomer, and a radiation sensitive radical generator. The pigment contains 20 wt% or more of C.I. Pigment Red 175 and has an average particle diameter r (unit: nm) of 50 to 300. The pixels having a film thickness of 1.60 μm and made of this composition provide a contrast ratio of 500 or more. The formed color filter is used in a liquid crystal display device.