Thus, a molecular modification due to thermodynamic biochemical reasons produces a change of state in the pigmented structure and consequently to a variation in the wavelength emitted, producing a change of colour, perceived by our organ of vision. That is why, the colour of the bruise goes through different phases following the biologic evolution that leads to the conjunctive tissue healing and recovering its original colour.

For more information, see my book *Genetics of colour*, volume II, unit XIV, pages 205-215.

Fig. 1-135

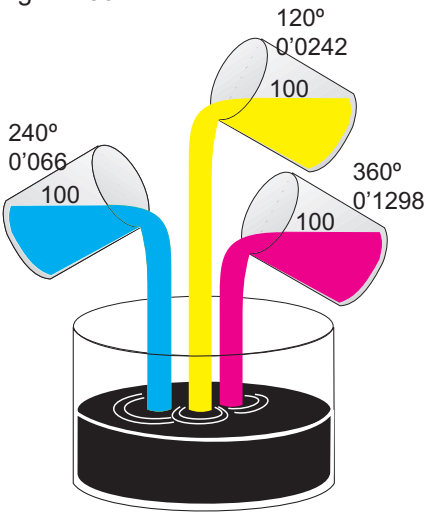

Fig. 2-135

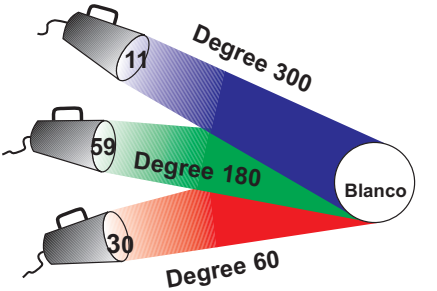

fig.1-135.Subtractive synthesis. The mixture of dyes and paints produces Black.
fig.2-135.Additive synthesis, the mixture of lights, produces White.