Well, the main reason for this is that Color supports "special values" while we still want it to be 32bit entity.

OTOH, now thinking about it, it is true that Null could be represented as RGBA(0, 0, 0, 0) and RGBA(x, 0, 0, 0) could in theory represent other special values, because it is invalid in premultiplied format.

We would still need separate RGBA and Color, because RGBA is POD, but I guess things would improve. Also we might have problems with "non-premultiplied" data. Anything else I miss?