

Besides these two colours, it occurs blue, red, brown, yellow, and green.

Of the blue the only variety which Werner possesses is indigo blue: it probably passes into red.

Of red it occurs rose red and cherry red; from the latter it passes into clove brown and yellowish brown; from this into ochre yellow, wine yellow, lemon and sulphur yellow: further into fishkin green, asparagus green, pistachio green, leek green, and lastly into mountain green: which latter probably passes into greenish grey.

The clove brown sometimes approaches to black. The indigo blue and the red are the rarest varieties. The snow white is the most highly valued, and the grey, and still more the brown, are the least valued.

The colours are most generally pale and light, seldom deep, and far seldomer dark.

It exhibits a most beautiful play of colours.

It occurs in indeterminately angular and completely spherical grains, which sometimes present planes of crystallization: it also occurs crystallized.

Its fundamental crystal is the octaedron, which passes on the one side,

1st, Into the simple three-sided pyramid, with truncated angles, and probably also into the six sided table, in which the terminal planes are set alternately oblique and straight on the lateral planes.

2d, On the other side it divides itself into three branches.

a. Octaedron,