Subject: Re: Particle and Theoretical Physics
Posted by Jzinsky on Sun, 29 May 2005 15:09:43 GMT
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KanezorJzinskyDaveGMMI didn't think that there was a test that proved it was both.

Well you can't stop light, I figure at that speed it either bounces off (reflection) or gets absorbed into whatever it hit (causing colour) thus you cannot stop light, but I guess the theory is ifyou could, it would be a particle with a mass on a micro mathematical scale..If you could not stop light, then nothing would be absorbing light, correct? In a way, that's true... because the things that absorb light become hot. A black surface absorbs more light than a white surface, and a black surface will become equally more hot than a white surface.

Also, you're only partially correct when you say that absorbing light causes color; color is caused when one part of the spectrum is absorbed while the other part (the part you see; the color you see) is bounced off.

Well the point really was that you can't grab hold of a particle of light because the only way to actually stop that particle would be to absorb it into some other object and thus rendering it unremoveable.

Yeah it's both, but actually being able to prove it 100% for definate for all to see is in the realms of science fiction, unless there's something I don't know about?