

# Re: The constancy of the velocity of light

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*Source:* <http://sci.tech-archive.net/Archive/sci.physics/2008-08/msg00411.html>

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- *From:* Matthew Johnson <[matthew\\_member@xxxxxxxxxxx](mailto:matthew_member@xxxxxxxxxxx)>
  - *Date:* 4 Aug 2008 07:55:02 -0700
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In article <624e94p2h7qnhtsijv8p36cm34fj32j53t@xxxxxxxx>, ~·., Craig Chilton,·^ says...

On Sun, 3 Aug 2008 21:24:47 -0700 (PDT),  
Mitch Raemsch <[mitch.nicolas.raemsch@xxxxxxxxxxx](mailto:mitch.nicolas.raemsch@xxxxxxxxxxx)> wrote:

The speed of light is an absolute through space. Move behind light and it only moves ahead of you in the same direction by  $C$  minus your absolute velocity through space. It will look faster than  $C$  - Absolute velocity by the Gamma factor slowing time. Light coming from behind you will overtake you by this same amount ( $C$  minus Absolute velocity) in your slow time.

Mitch Raemsch; Twice Nobel Laureate 2008

One thing that's always fascinated me is that if photons travelling at light speed from two sources, heading toward each other "collide," how would that "force" compare to the photons from one source hitting a solid object?

But why would they 'collide'? Why wouldn't they just pass each other?