

# Letter to Oldenburg on his experiments to show colour and light

**Author:** Isaac Newton

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<52r>

Sir

I hope M<sup>r</sup> Linus's Friends will acquiesce in the late tryall of the Experiment in debait, for the procurement of which & for sending them notice of the event, I return you my hearty thanks, as I have reason. I perceive I went upon a wrong supposition in what I wrote concerning M<sup>r</sup> Boyles Experiment The Papers in your hand I have no present need of: You may send them at your best leisure. Sometime this Sommer it's possible I may make use of them, if I can but get some time to write the other discourse about the colours of the Prism which I have long intended. Sir I am

Your humble & obliged

Servant

Is. Newton.

Cambridge  
May 11<sup>th</sup> 1676.

<52v>

For Henry Oldenburg Esq.  
at his house about the middle  
of the old Pal-mall in

Westminster

London.

2

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Received d. 12. Maji. 1676.

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Answered by D<sup>r</sup> Sidnam May 15. 76. and sent by him his Hypothesis explaining the properties of Light; as also his discourse about the various colors exhibited by transparent substances made very thin by being blown into bubbles or otherwise formed into plates, altho at a greater thicknes they appear very clear and colorlesse.

In my letter accompanying these papers I imparted to M<sup>r</sup> Newton the particulars contained in M. Leibnitz his letter to me of May 12. 1676. from Paris st.n.

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