

Sheet1

Travel	miles†	£ For 2	£ For 1	£ per mile	Class	Tickets from	CO2 kg	CO2/mile
Manchester London	162	55.40	27.70	0.17	2	‡Experia	16.00	0.0988
London Paris	213	134.00	67	0.31	2	Loco2	14.2	0.0667
Paris Zurich	304	75.00	37.5	0.12	2	Loco2	2.5	0.0082
Zurich Tirano	111	89.61	44.80	0.40	2	DB and Rhaetian Railway▶	0.43	0.0039
Tirano Milan	70	15.90	7.95	0.11	2	TrenNord	7.3	0.1043
Milan Dijon	324	124.70	62.35	0.19	2	Loco2	7	0.0216
Dijon Paris	162	58.00	29.00	0.18	2	Loco2	1	0.0062
Paris London	213	147.00	73.50	0.35	2	Loco2	14.9	0.0700
London Manchester	162	55.40	27.70	0.17	2	Experia	16.00	0.0988
Totals	1721	755.00	377.50	0.22			79.33	0.0461

Outward 369.90
Inward 385.10

CO2 comparison (1 person return journey)

CO2 by train* 79.33
CO2 by train (direct trains) 79.20
CO2 by air** 794.8

* CO2 estimates from <http://ecopassenger.hafas.de/>
** CO2 estimates as above but for direct flight Manchester – Milan
† these are direct miles, not actual train miles.
‡ EU High Saver ticket to London International CIV with railcard.

Saving % (actual) 90.02%
Ratio (actual) 10.02
Saving % (direct trains) 90.04%
Ratio (direct trains) 10.04

▶ Tickets (from Freiburg) via DB and seat reservation (from Chur) from RR – see <https://www.seat61.com/BerninaExpress.htm#Bernina>