

TABLE 3-2 in Brilliant, R.L. (Ed.). (1999). *Essentials of low vision practice*. Boston: Butterworth Heinemann.

Near Visual Acuity Equivalent (acuity charts read at 40 cm)

Snellen Equivalent	Meter Units (M System)	Metric	American Optical Jaeger (approximate)	American Medical Association Notation	Point Size	Logarithmic Maximum Angle of Resolution (logMAR)	Approximate Height (mm)	Decimal	Usual Type Text Size
20/500	10.00	6/150	J19	14/350	80	1.40	15.00	0.04	½ - in. letter
20/250	5.00	6/75	J18	14/175	40	1.10	7.50	0.08	Newspaper headlines
20/200	4.00	6/60	J17	14/140	32	1.00	6.00	0.10	News. subheadlines
20/100	2.00	6/30	J11	14/70	16	0.70	3.00	0.20	Large-print material
20/80	1.60	6/24	J9	14/56	12	0.60	2.30	0.25	Children's books
20/60	1.20	6/18	J7	14/42	10	0.48	1.75	0.33	Magazine print
20/50	1.00	6/15	J6	14/35	8	0.40	1.50	0.40	Newspaper print
20/40	0.80	6/12	J4	14/28	6	0.30	1.15	0.50	Paperback print
20/25	0.50	6/7.5	J1	14/17.5	4	0.10	0.75	0.80	Footnotes
20/20	0.40	6/6		14/14	3	0.00	0.58	1.00	—

Near visual acuity should be reported as follows:

Test distance (meters)/M notation

For example, 3 M at 25 cm would be recorded as 0.25/3 M.

Conversion of metric print size acuity to Snellen equivalent is as follows:

Test distance (meters)/M notation X 100/100

For example, 0.25/5M acuity would translate into 25/500. The 20-ft Snellen equivalent of this ratio would be 20/400. 5. The LHNV-1 provides 20-ft Snellen equivalent acuities for 40 cm (written on the side of the card).