

# Rabin Contrast Sensitivity Test Instructions and Score Sheet

- Administer the test with the best optical correction at a distance of 4 meters (13.1 feet).
- The room lights should be OFF and the illuminator box ON.
- Occlude one eye; instruct your patient to begin on row 1, and read each letter aloud, continuing, row-by-row, down the chart.
- Encourage your patient to guess when unsure; allow up to five seconds per letter.
- If your patient is able to read at least one letter on a row, then ask your patient to attempt to read every letter on that row.
- Cross-out letters read incorrectly (including an entire row if unable to read any letters from that row).
- Count the total letters missed; determine the log CS score from the table at the right.
- Repeat the procedure for the fellow eye; ask your patient to read the letters from right to left to minimize learning effects.

Total letters incorrect	Log CS Score
0	2.00
1	1.95
2	1.90
3	1.85
4	1.80
5	1.75
6	1.70
7	1.65
8	1.60
9	1.55
10	1.50
11	1.45
12	1.40
13	1.35
14	1.30
15	1.25
16	1.20
17	1.15
18	1.10
19	1.05
20	1.00

Total letters incorrect	Log CS Score
21	0.95
22	0.90
23	0.85
24	0.80
25	0.75
26	0.70
27	0.65
28	0.60
29	0.55
30	0.50
31	0.45
32	0.40
33	0.35
34	0.30
35	0.25
36	0.20
37	0.15
38	0.10
39	0.05
40	0.00

Score Sheet  
Cross-out letters read  
incorrectly and letters not seen

Row	log CS
1 <b>Z R K D C</b>	0.25
2 <b>D N C H V</b>	0.50
3 <b>C D H N R</b>	0.75
4 <b>R V Z O S</b>	1.00
5 <b>O S D V Z</b>	1.25
6 <b>N O Z C D</b>	1.50
7 <b>R D N S K</b>	1.75
8 <b>O K S V Z</b>	2.00

### Preliminary Normative Log CS Values

<b>Mean ± Standard deviation</b>	<b>1.53 ± 0.11</b>
<b>Below normal</b>	<b>Less than 1.30 log CS</b> (e.g., unable to read letters on rows 6, 7 and 8)
<b>Super-normal</b>	<b>Greater than 1.75 log CS</b> (e.g., able to read letters on row 8)

Log CS values are in *Michelson contrast*, which is not equivalent to *Weber contrast* on the Pelli-Robson chart. Pelli-Robson score equivalents for each row are as follows— Row 1: 0.15; Row 2: 0.30; Row 3: 0.50; Row 4: 0.75; Row 5: 0.95; Row 6: 1.20; Row 7: 1.45; Row 8: 1.70.