Charon

A paper globe, 82 mm across: a scale of 1 : 14.8 million. The Earth at this scale would be 86 cm across.

See Charon turn in the live 3D map:
www.spaceradar.ai/#at=charon



How to make it

1. Print at actual size on thick paper (160 to 200 g/m2), or glue the print to thin card. 2. Cut round the outside line, tabs and all. Do not cut along the equator: the gores stay joined there. 3. Fold each grey tab back along its dotted line. 4. Curve the gores up one at a time and glue each tab under the edge of the next gore, the north first, then the south; the last tab closes the ball. The top of the sheet is north.

True scale

Charon's mean radius is 606.0 km (registry/worlds.yaml). At 82 mm across the globe is 1 : 14.8 million: one millimetre here is 15 km there. Only 73 % of its surface has been photographed well enough to map; the rest is one plain colour, and no feature there is invented.

The map

Measured: pictures taken by spacecraft and telescopes, as credited here.
Charon map: NASA/JHUAPL/SwRI (New Horizons MVIC colour mosaic, NASA Planetary Data System) and USGS Astrogeology Science Center (LORRI mosaic), public domain

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Source:
https://pds-smallbodies.astro.umd.edu/holdings/nh-p_psa-leisa_mvic-5-comp-v1.0/data/mosaic/nh_charon_color_mosaic.lbl
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