

Soft Toric Axis Re-Ordering

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NOTE: This calculator in *eye tools* is used by optometrists to calculate the new cylinder axis to reorder when compensating for the rotational mislocation of toric soft contact lenses.

1. Click on to clear all data.
2. Enter the axis of the astigmatism to be corrected as the *Contact Lens Axis* and the amount of *Mislocation*. CW being “clockwise” rotation and CCW being “counter-clockwise”.



NOTE: The *eye tools* calculator also displays the *Mislocation* graphically for confirmation.

CW is the same as right temporal or left nasal.
CCW is the same as right nasal or left temporal.

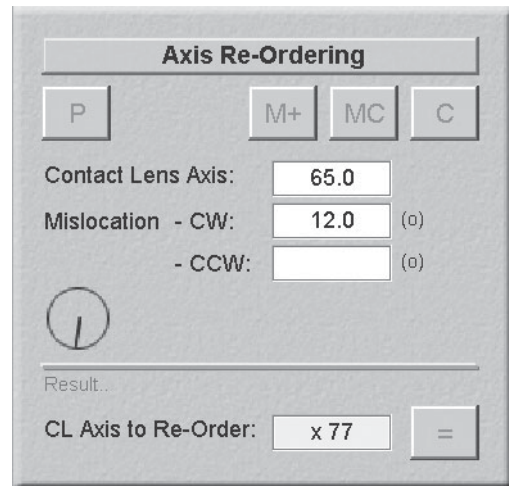
3. Click on to make the calculation.
4. The result is displayed as the *Contact Lens Axis to Re-Order*.
5. To print a copy of the results: Click on .
6. To copy the result to the clipboard (so that it can be pasted into a different program): Click on (The clipboard can be cleared with).

✓ Tip:

- The aim of the Contact Lens Practitioner is to correct the astigmatism at the required axis. A toric contact lens can be allowed to mislocate by rotation, provided that the position is stable and the axis is compensated so that when it does mislocate it will then be in the desired position.



EXAMPLE: Astigmatism needs to be corrected at an axis of 65. However, the contact lens mislocates by 12° clockwise. The axis to reorder is x 77 ... so that when it does mislocate by 12° CW, it will be positioning the cylinder correction at x 65.



The screenshot shows a software window titled "Axis Re-Ordering". It contains several input fields and buttons. At the top, there are buttons for "P", "M+", "MC", and "C". Below these are three input fields: "Contact Lens Axis" with the value "65.0", "Mislocation - CW:" with the value "12.0" and a "(0)" next to it, and "Mislocation - CCW:" with an empty field and a "(0)" next to it. A small circular diagram with a vertical line and a tick mark is positioned below the mislocation fields. At the bottom, there is a "Result.." label, an input field for "CL Axis to Re-Order" containing "x 77", and an "=" button.

Figure: The calculator for Soft Toric Contact Lens Axis Re-Ordering

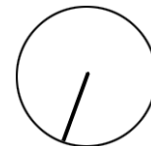


Figure: Graphical representation of the lens mislocation