$$\text{arclength } = (\text{RA}_1 - \text{RA}_2) * \cos(\text{Dec})$$

Foo bar bar.

$$\cos\gamma = \cos(90^\circ - \text{Dec}_1)\cos(90^\circ - \text{Dec}_2) + \sin(90^\circ - \text{Dec}_1)\sin(90^\circ - \text{Dec}_2)\cos(\text{RA}_1 - \text{RA}_2)$$

Bleah bleah bleah.