

- Blue: $(r\cos(\theta), r\sin(\theta), (r^{**2}\sin(\theta))^{**2} + r^{**2}\cos(\theta)^{**2})^{**0.25}\cos(\text{atan2}(r\sin(\theta), r\cos(\theta))/2)$
- Red: $(r\cos(\theta), r\sin(\theta), -(r^{**2}\sin(\theta))^{**2} + r^{**2}\cos(\theta)^{**2})^{**0.25}\cos(\text{atan2}(r\sin(\theta), r\cos(\theta))/2)$

