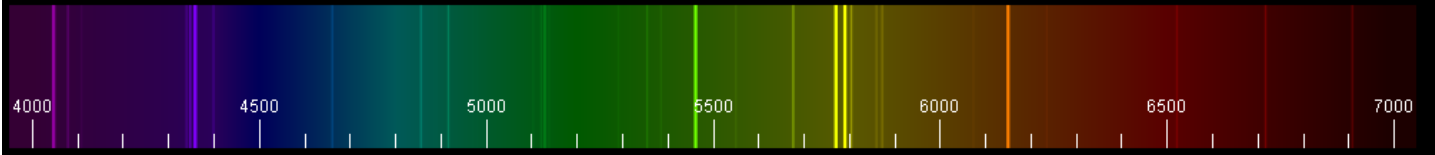




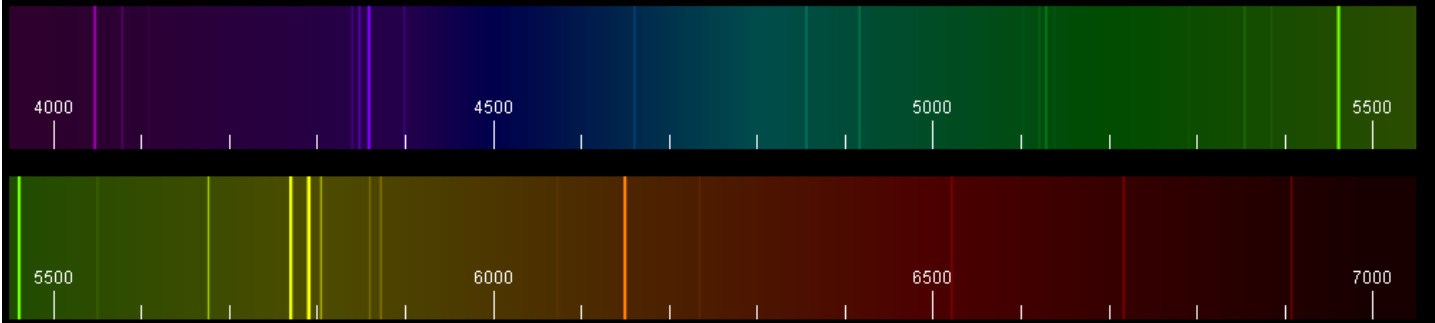
# Spectrum of Mercury Gas Discharge

This is a colour representation of the emission line spectrum of neutral and ionized Mercury excited in a electrical discharge.

Note that a faint continuum was added only to give a better impression of the location of the colours in the spectrum.



The spectrum in two parts:



<http://astro.u-strasbg.fr/~koppen/discharge/mercury.html>

| Intensity | Wavelength (Å) |
|-----------|----------------|
| 10        | 3532.594       |
| 10        | 3605.762       |
| 600       | 3650.153       |
| 70        | 3654.836       |
| 50        | 3663.279       |
| 1000      | 3983.931       |
| 400       | 4046.563       |
| 60        | 4339.223       |
| 100       | 4347.494       |
| 1000      | 4358.328       |
| 12        | 5128.442       |
| 15        | 5204.768       |
| 80        | 5425.253       |
| 500       | 5460.735       |
| 200       | 5677.105       |
| 50        | 5769.598       |
| 60        | 5790.663       |
| 12        | 5871.279       |
| 20        | 5888.939       |
| 15        | 6146.435       |
| 250       | 6149.475       |
| 25        | 7081.9         |
| 6         | 7346.508       |

[http://physics.nist.gov/PhysRefData/Handbook/Tables/mercurytable2\\_a.htm](http://physics.nist.gov/PhysRefData/Handbook/Tables/mercurytable2_a.htm)