

1. **Magic number:** P5 binary, P2 ASCII + Whitespace (blanks, TABs, CRs, LFs)
2. **Width** (formatted as ASCII characters in decimal) + **whitespace** + **Height** (again in ASCII decimal) + Whitespace (blanks, TABs, CRs, LFs)
3. The maximum gray value (**Maxval**), in ASCII decimal. Must be less than 65536 + newline or other single whitespace character.
4. A raster of **Height** rows, in order from top to bottom. Each row consists of **Width** gray values, in order from left to right.
5. Characters from a "#" to the next end-of-line, before the maxval line, are comments and are ignored.

P2

my.pgm

24 7

15

```
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 3 3 3 3 0 0 7 7 7 7 0 0 11 11 11 11 0 0 15 15 15 0
0 3 0 0 0 0 0 7 0 0 0 0 0 11 0 0 0 0 0 15 0 0 15 0
0 3 3 3 0 0 0 7 7 7 0 0 0 11 11 11 0 0 0 15 15 15 0
0 3 0 0 0 0 0 7 0 0 0 0 0 11 0 0 0 0 0 15 0 0 0 0
0 3 0 0 0 0 0 7 7 7 7 0 0 11 11 11 11 0 0 15 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
```