# The Password Meter

**Test Your Password**

**Password:** erick@90934

**Hide:** ☐

**Score:** 83%

**Complexity:** Very Strong

**Minimum Requirements**

- Minimum 8 characters in length
- Contains 3/4 of the following items:
  - Uppercase Letters
  - Lowercase Letters
  - Numbers
  - Symbols

| Additions | Type | Rate | Count | Bonus |
|---|---|---|---|---|
| Number of Characters | Flat | +(n*4) | 11 | + 44 |
| Uppercase Letters | Cond/Incr | +((len-n)*2) | 0 | 0 |
| Lowercase Letters | Cond/Incr | +((len-n)*2) | 5 | + 12 |
| Numbers | Cond | +(n*4) | 5 | + 20 |
| Symbols | Flat | +(n*6) | 1 | + 6 |
| Middle Numbers or Symbols | Flat | +(n*2) | 5 | + 10 |
| Requirements | Flat | +(n*2) | 4 | + 8 |
| **Deductions** | | | | |
| Letters Only | Flat | -n | 0 | 0 |
| Numbers Only | Flat | -n | 0 | 0 |
| Repeat Characters (Case Insensitive) | Comp | - | 2 | - 1 |
| Consecutive Uppercase Letters | Flat | -(n*2) | 0 | 0 |
| Consecutive Lowercase Letters | Flat | -(n*2) | 4 | - 8 |
| Consecutive Numbers | Flat | -(n*2) | 4 | - 8 |
| Sequential Letters (3+) | Flat | -(n*3) | 0 | 0 |
| Sequential Numbers (3+) | Flat | -(n*3) | 0 | 0 |
| Sequential Symbols (3+) | Flat | -(n*3) | 0 | 0 |

**Legend**

- Exceptional: Exceeds minimum standards. Additional bonuses are applied.
- Sufficient: Meets minimum standards. Additional bonuses are applied.

This application is designed to assess the strength of password strings. The instantaneous visual feedback provides the user a means to improve the strength of their passwords, with a hard focus on breaking the typical bad habits of faulty password formulation. Since no official weighting system exists, we created our own formulas to assess the overall strength of a given password. Please note, that this application does not utilize the typical "days-to-crack" approach for strength determination. We have found that particular system to be severely lacking and unreliable for real-world scenarios. This application is neither perfect nor foolproof, and should only be utilized as a loose guide in determining methods for improving the password creation process.



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