The Password Meter

Test Your Password

Password: [   ] [   ]

Hide: ☑

Score: 0%

Complexity: Too Short

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)	0	0
Uppercase Letters	Cond/Incr	+((len-n)*2)	0	0
Lowercase Letters	Cond/Incr	+((len-n)*2)	0	0
Numbers	Cond	+(n*4)	0	0
Symbols	Flat	+(n*6)	0	0
Middle Numbers or Symbols	Flat	+(n*2)	0	0
Requirements	Flat	+(n*2)	0	0

Deductions

	Type	Rate	Count	Bonus
Letters Only	Flat	-n	0	0
Numbers Only	Flat	-n	0	0
Repeat Characters (Case Insensitive)	Comp	-	0	0
Consecutive Uppercase Letters	Flat	-(n*2)	0	0
Consecutive Lowercase Letters	Flat	-(n*2)	0	0
Consecutive Numbers	Flat	-(n*2)	0	0
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.
- Warning: Advisory against employing bad practices. Overall score is reduced.
- Failure: Does not meet the minimum standards. Overall score is reduced.

Quick Footnotes

- **Flat:** Rates that add/remove in non-changing increments.
- **Incr:** Rates that add/remove in adjusting increments.

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- **Cond:** Rates that add/remove depending on additional factors.
- **Comp:** Rates that are too complex to summarize. See source code for details.
- **n:** Refers to the total number of occurrences.
- **len:** Refers to the total password length.
- Additional bonus scores are given for increased character variety.
- Final score is a cumulative result of all bonuses minus deductions.
- Final score is capped with a minimum of 0 and a maximum of 100.
- Score and Complexity ratings are not conditional on meeting minimum requirements.

Disclaimer

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Test Your Password		Minimum Requirements

Password: ••••••••••••••••••••••

Hide: ☑

Score: 84%

Complexity: Very Strong

- 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)	24	+ 96
Uppercase Letters	Cond/Incr	+((len-n)*2)	0	0
Lowercase Letters	Cond/Incr	+((len-n)*2)	21	+ 6
Numbers	Cond	+(n*4)	3	+ 12
Symbols	Flat	+(n*6)	0	0
Middle Numbers or Symbols	Flat	+(n*2)	3	+ 6
Requirements	Flat	+(n*2)	3	0

Deductions	Type	Rate	Count	Bonus
Letters Only	Flat	-n	0	0
Numbers Only	Flat	-n	0	0
Repeat Characters (Case Insensitive)	Comp	-	20	- 2
Consecutive Uppercase Letters	Flat	-(n*2)	0	0
Consecutive Lowercase Letters	Flat	-(n*2)	17	- 34
Consecutive Numbers	Flat	-(n*2)	0	0
Sequential Letters (3+)	Flat	-(n*3)	0	0
Sequential Numbers (3+)	Flat	-(n*3)	0	0
Sequential Symbols (3+)	Flat	-(n*3)	0	0

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Password: ●●●●●●●●●●●●

Hide: ☑

Score: 56%

Complexity: Good

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)	12	+ 48
Uppercase Letters	Cond/Incr	+((len-n)*2)	0	0
Lowercase Letters	Cond/Incr	+((len-n)*2)	9	+ 6
Numbers	Cond	+(n*4)	3	+ 12
Symbols	Flat	+(n*6)	0	0
Middle Numbers or Symbols	Flat	+(n*2)	2	+ 4
Requirements	Flat	+(n*2)	3	0

Deductions

	Type	Rate	Count	Bonus
Letters Only	Flat	-n	0	0
Numbers Only	Flat	-n	0	0
Repeat Characters (Case Insensitive)	Comp	-	6	- 2
Consecutive Uppercase Letters	Flat	-(n*2)	0	0
Consecutive Lowercase Letters	Flat	-(n*2)	6	- 12
Consecutive Numbers	Flat	-(n*2)	0	0
Sequential Letters (3+)	Flat	-(n*3)	0	0
Sequential Numbers (3+)	Flat	-(n*3)	0	0
Sequential Symbols (3+)	Flat	-(n*3)	0	0

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Password:	•••••••••
Hide:	☑
Score:	23%
Complexity:	Weak

Additions

	Type	Rate	Count	Bonus
Number of Characters	Flat	+(n*4)	10	+ 40
Uppercase Letters	Cond/Incr	+((len-n)*2)	0	0
Lowercase Letters	Cond/Incr	+((len-n)*2)	0	0
Numbers	Cond	+(n*4)	10	0
Symbols	Flat	+(n*6)	0	0
Middle Numbers or Symbols	Flat	+(n*2)	8	+ 16
Requirements	Flat	+(n*2)	2	0

Deductions

	Type	Rate	Count	Bonus
Letters Only	Flat	-n	0	0
Numbers Only	Flat	-n	10	- 10
Repeat Characters (Case Insensitive)	Comp	-	6	- 2
Consecutive Uppercase Letters	Flat	-(n*2)	0	0
Consecutive Lowercase Letters	Flat	-(n*2)	0	0
Consecutive Numbers	Flat	-(n*2)	9	- 18
Sequential Letters (3+)	Flat	-(n*3)	0	0
Sequential Numbers (3+)	Flat	-(n*3)	1	- 3
Sequential Symbols (3+)	Flat	-(n*3)	0	0

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