

# Chess 101

The pieces

(<http://en.lichess.org/analysis>)

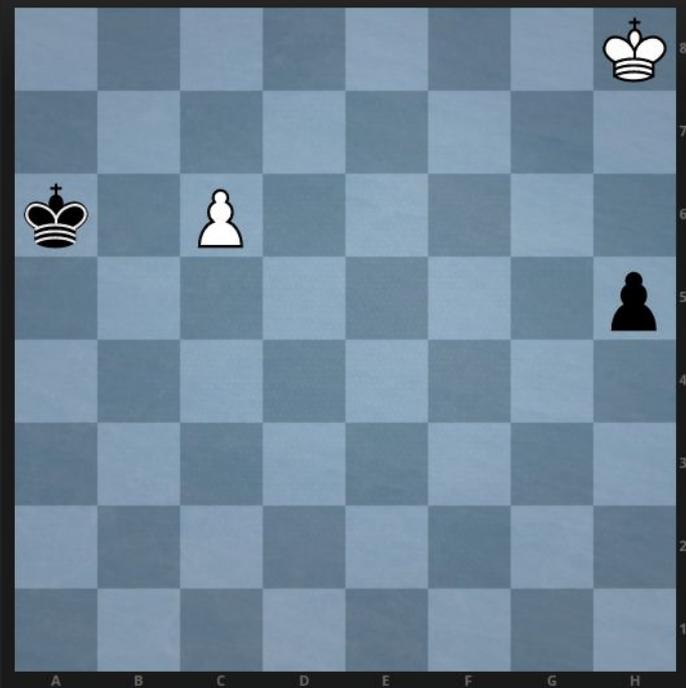
Chess can be artsy

The smothered mate — white to play and win



rr4k1/6pp/2Q5/3KN3/8/q7/8/8 w - - 0 1

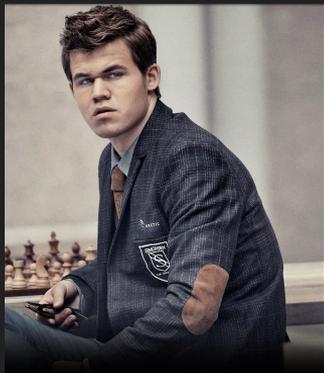
Reti problem — White to play and draw



7K/8/k1P5/7p/8/8/8/8 w - - 0 1

Top players

# Humans — <http://www.2700chess.com/>



Engines — <http://www.computerchess.org.uk/ccrl/4040/>



# Computers are way ahead of humans

Classic		Rapid	Blitz		
#	▲ ↑ ↓	Name	🚩	Classic	◆
1		Carlsen		2855.1	
2	↑1	Kramnik		2809.6	
3	↓1	Caruana		2804.0	
4	↑3	Aronian		2792.1	
5		Vachier-Lagrave		2789.0	
6		Nakamura		2787.0	
7	↓3	Giri		2782.3	
8	↑1	Ding Liren		2778.0	
9	↑1	So		2775.0	
10	↓2	Karjakin		2773.4	

Rank	Name	Rating			Score
		Elo	+	-	
1	Komodo 9.42 64-bit 4CPU	3360	+25	-25	73.5%
2	Stockfish 7 64-bit 4CPU	3337	+19	-19	65.0%
3	Houdini 4 64-bit 4CPU	3255	+11	-11	56.2%
4	Fire 4 64-bit 4CPU	3206	+14	-14	46.9%
5	Gull 3 64-bit 4CPU	3199	+13	-13	48.6%
6	Equinox 3.20 64-bit 4CPU	3185	+15	-15	44.3%
7-8	Critter 1.6a 64-bit 4CPU	3171	+9	-9	50.5%
7-8	Fritz 15 64-bit 4CPU	3171	+21	-21	44.7%
9	Rybka 4 64-bit 4CPU	3159	+11	-11	51.4%
10	Alfil 15.7 64-bit 4CPU	3158	+21	-21	44.6%

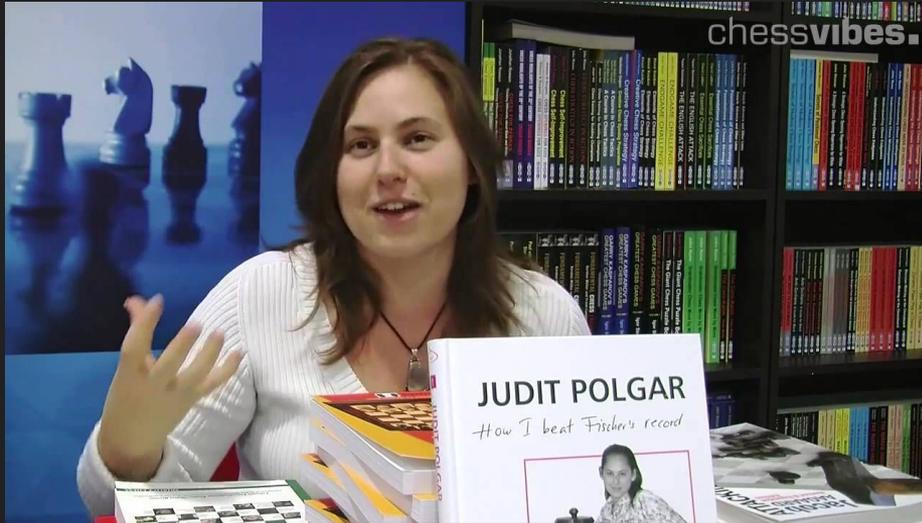
# Top women



#	▲ ↑ ↓	Name	🇨🇳	Classic
1		Hou Yifan	🇨🇳	2663.0
2		Koneru	🇮🇳	2575.0
3	↑1	Ju Wenjun	🇨🇳	2559.0
4	↑1	Kosteniuk	🇺🇦	2557.7
5	↑1	Muzychuk A	🇺🇦	2551.0
6	↓3	Muzychuk M	🇺🇦	2545.9

Other remarkable players

# Judith Polgar



## Women's Highest Ever - [2700chess.com](http://2700chess.com)

Update: 25 April 2016, 09:51 GMT

#	Name	Rating	Date
1	Polgar J	 2735.0	01 Jul 2005
2	Hou Yifan	 2687.5	02 May 2015
3	Koneru	 2625.4	14 Jun 2009
4	Muzychuk A	 2608.2	30 Aug 2012
5	Kosintseva N	 2584.6	18 Nov 2010
6	Zhao Xue	 2584.4	19 Sep 2013
7	Ju Wenjun	 2582.2	13 Sep 2014
8	Kosintseva T	 2582.1	01 Oct 2010
9	Xie Jun	 2580.6	20 Oct 2004
10	Dzagnidze	 2577.2	11 Aug 2015
11	Polgar S	 2577.0	29 Oct 2004
12	Stefanova	 2570.1	29 Oct 2002
13	Muzychuk M	 2566.2	03 Feb 2016
14	Chiburdanidze	 2561.2	26 Jun 1987

# Maurice Ashley



## DEEP VIEW: AN ALGORITHM FOR BETTER CHESS COMMENTARY

A project by [Maurice Ashley](#)

# Garry Kasparov



## Highest Ever Ratings [2700chess.com](http://2700chess.com)

Update: 25 April 2016, 18:26 GMT

#	Name	Rating	Date
1	Carlsen	2889.2	21 Apr 2014
2	Kasparov	2856.7	03 Mar 2000
3	Caruana	2851.3	08 Oct 2014
4	Aronian	2835.5	02 Feb 2014
5	Topalov	2826.5	24 Aug 2015
6	Anand	2820.7	26 Jan 2011
7	Nakamura	2819.0	23 Aug 2015
8	Kramnik	2817.5	29 Mar 2013
9	Grischuk	2813.6	15 Feb 2015
10	Giri	2802.8	15 Feb 2015
11	Radjabov	2799.6	04 Sep 2012
12	Morozevich	2798.9	24 Aug 2008
13	So	2794.3	02 Apr 2015
14	Vachier-Lagr	2793.2	25 Apr 2016
15	Ivanchuk	2791.5	06 Jul 2008
16	Karpov	2790.9	01 Jun 1994
17	Fischer	2789.7	04 Aug 1972