

# Ruwix

Rubik's Cube Wiki  
(/)

[Home page \(/\)](#)

[Programs \(/rubiks-cube-programs/\)](#)

[Rubik's Cube \(/the-rubiks-cube/\)](#)

[Twisty Puzzles \(/twisty-puzzles/\)](#)

## Rubik's Programs (/rubiks-cube-programs/)

[Cube solver \(/online-rubiks-cube-solver-program/\)](#)

[Timer \(/online-rubiks-stopwatch-timer/\)](#)

[Simulator \(/online-puzzle-simulators/\)](#)

[Widget \(/saved-rubiks-cube/edit.php\)](#)

[Scrambler \(/puzzle-scramble-generator\)](#)

## Latest News (/rubiks-blog/)

33x33x33 Rubik's Cube - World Record  
(<https://ruwix.com/33x33x33-rubiks-cube/>)

Rubik's Cube World Record:  
SeungBeom Cho 4.59  
(<https://ruwix.com/seungbeom-cho-rubiks-cube-record-459/>)

Rubik's Cube World Record - Patrick Ponce 4.69  
(<https://ruwix.com/rubiks-cube-world-record-patrick-ponce-4-69/>)

Rubik's Cube World Championships  
2017 Paris (<https://ruwix.com/rubiks-cube-world-championships-2017-paris/>)

Feliks Zemdeg's world record average:  
5.97 seconds (<https://ruwix.com/feliks->

[Contribute](#)

[Edit page \(/edit-article/\)](#)

[New article \(/new-article/\)](#)

[Home \(/\)](#)

[Programs \(/rubiks-cube-programs/\)](#)

[Puzzles \(/twisty-puzzles/\)](#)

[ne-puzzle-simulators/](#)

[e-rubiks-cube/how-to-solve-the-rubiks-cube-beginners-method/](#)

[line-rubiks-cube-solver-program/](#) [\(/shop/\)](#)

[//www.facebook.com/online.rubiks.cube.solver](#)

[//twitter.com/#!/RuwixCube\)](#)

[//plus.google.com/s/ruwix#112275853610877028537\)](#)

# World's largest order 22x22x22 Rubik's Cube

*Published: January 18, 2016*

**A 22x22x22 Rubik's Cube became the world's highest order twisty puzzle, created by [corenpuzzle](#) (<https://youtu.be/i84PRVPieeU?t=1h34m47s>). It was completed in mid-January 2016 and it**

zemdegs-world-record-average-5-97-seconds/)

Non-Cubers say the Darndest Things (<https://ruwix.com/non-cubers-say-darndest-things/>)

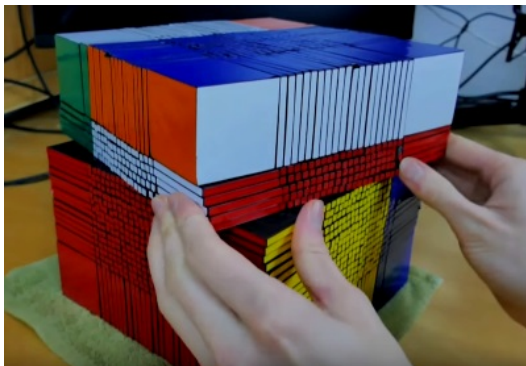
Cube 3x3 Competition - Write and Win! (<https://ruwix.com/cube-3x3-competition/>)

Feliks Zemdegs World Record: 4.73s (<https://ruwix.com/feliks-zemdegs-rubiks-world-record-2016-4-73/>)

Mats Valk World Record: 4.74s (<https://ruwix.com/mats-valk-rubiks-cube-world-record-4-74/>)

Why Speedcubers Dislike Rubik's Branded Products (<https://ruwix.com/why-rubiks-brand-cube-disliked-hated/>)

## contains 2691 functioning parts made with a consumer 3D printer.



The record-breaking cube should have been completed at the end of November the previous year but unfortunately it fell apart twice.

We have to note that Tony Fisher has presented a 28x28x28 cube (<https://ruwix.com/presenting-the-28x28x28-rubiks-cube/>), which turned out to be just a joke, being just a "simple" mass-produced 13x13x13. However this one is fully functional.

Due to its hard turning it takes 3 hours to make a simple checkerboard pattern (</the-rubiks-cube/rubiks-cube-patterns-algorithms/>), an action that requires 3 middle layer turns on the classic 3x3 Rubik's Cube (<https://ruwix.com/the-rubiks-cube/>). It has a similar look and quality as Matt Bahner's Yottaminx (<https://www.youtube.com/watch?>

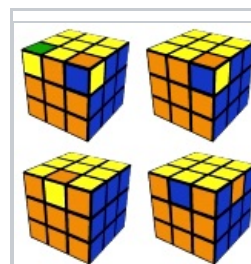


(<http://rubiks-cu.be/>)

$v=80Fm \times M \times wKu \circ$ ), the highest order (15) dodecahedron-shaped Megaminx, having 2943 parts.



The 22x22x22 has got bigger edge and corner pieces to hold the small centers together, because on cubes any larger than a 6x6 normal-sized corners would overhang during turns making it unable to attach them to the core. making one side larger than a 3x3, a 4x4 (<https://ruwix.com/twisty-puzzles/4x4x4-rubiks-cube-rubiks-revenge/>) and a 5x5 (<https://ruwix.com/twisty-puzzles/5x5x5-rubiks-cube-professors-cube/>) combined. The mechanism is based on Oskar van Deventer's floating anchors.



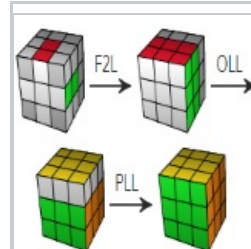
**Unsolvable Cube**

(/the-rubiks-cube/unsolvable-rubiks-cube-invalid-scramble/)



**Beginner's Solution**

(/the-rubiks-cube/how-to-solve-the-rubiks-cube-beginners-method/)



**Advanced Method**

(/the-rubiks-cube/advanced-cfop-fridrich/)

Working on such a project is about pushing the boundaries of custom puzzle building on a relatively small budget without using the expensive technology of injection moulding.

We hope we'll see more projects like this in the future.

### Comments

2 comments

2 Comments

Sort by Oldest



Add a comment...



**Kyle Lemke** ·

Chelyabinsk, Russia

but... why?

Like · Reply · 3 · Dec 15, 2016 12:54pm



**HTML Coding**

Just pushing the limits.

Like · Reply · 3 · Dec 27, 2016 10:52am



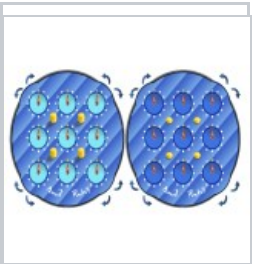
**Robin Chang**

Mlg

Like · Reply · Aug 26, 2017 7:04pm

Facebook Comments Plugin

**Categories: Articles**



**Clock Simulator**

(/online-puzzle-simulators/rubiks-clock-simulator.php)

**Share this**

Back To Page Top



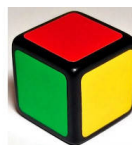
**Check out GeekPrank.com (http://geekprank.com) for the best online pranks!**

***(<https://ruwix.com/category/blog-articles/>), Important***  
***(<https://ruwix.com/category/important-news/>), Interesting***  
***(<https://ruwix.com/category/interesting/>), News***  
***(<https://ruwix.com/category/rubiks-news-blog/>), Rubik's Cube***  
***(<https://ruwix.com/category/rubiks-cube-blog/>), Twisty Puzzles***  
***(<https://ruwix.com/category/twisty-puzzles-blog/>)***



**Say Goodbye to iPhone**

Ad The Motley Fool



**1x1x1 Rubik's Cube Puzzle - How To Solve...**

ruwix.com



**Presenting the 28x28x28 Rubik's Cube**

ruwix.com



**Si Pu Ru**

ruw



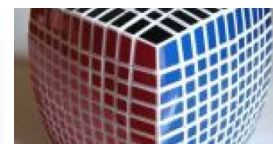
**Why Speedcubers Dislike...**

ruwix.com



**Online 2x2x2 Rubik's Cube (Pocket Cube)...**

ruwix.com



**Largest NxNxN Rubik's Cube simulator:...**

ruwix.com

**Ru No to**

ruw

← [How we maintain Ruwix \(https://ruwix.com/how-we-maintain-ruwix/\)](https://ruwix.com/how-we-maintain-ruwix/)  
 ony Fisher's largest Rubik's Cube → (<https://ruwix.com/the-worlds-largest-cubic-nxn-n-rubiks-cube-puzzle-22x22x22/>)

[HTML5 Templates \(http://html5-templates.com/\)](http://html5-templates.com/)

[Privacy, Terms and Conditions \(/rubiks/terms-and-conditions-privacy-policy/\)](/rubiks/terms-and-conditions-privacy-policy/)

[Sitemap \(/sitemap/\)](/sitemap/) [RSS \(/feed/\)](/feed/)

[Facebook \(https://www.facebook.com/online.rubiks.cube.solver\)](https://www.facebook.com/online.rubiks.cube.solver)

[Twitter \(https://twitter.com/RuwixCube\)](https://twitter.com/RuwixCube) [Contact \(/contact\)](/contact/)

This website is using cookies to improve the user experience, to collect anonymous visitor analytics and to show personalised ads.



[\(https://www.facebook.com/online.rubiks.cube.solver\)](https://www.facebook.com/online.rubiks.cube.solver)



[\(https://plus.google.com/s/ruwix#112275853610877028537\)](https://plus.google.com/s/ruwix#112275853610877028537)



[\(https://twitter.com/RuwixCube\)](https://twitter.com/RuwixCube)



[\(https://www.youtube.com/user/modusbeke/videos\)](https://www.youtube.com/user/modusbeke/videos)



[\(/rubiks-blog/\)](/rubiks-blog/)



[\(http://ruwix.blogspot.com/\)](http://ruwix.blogspot.com/)



[\(https://www.flickr.com/photos/ruwix\)](https://www.flickr.com/photos/ruwix)



[\(/contact/\)](/contact/)