

The PixaWizards Project

The PixaWizards project combined the abilities of a couple (one more artistic, the other more technical) to create a hand-made but also automated method of creating a collection of 1,000 mythical pixelated wizards in GIF format that will be minted into erc 721 tokens on the Ethereum blockchain! We hope you enjoy this project, we had a blast creating these little guys! Any questions can be directed through our twitter account (@PixaLyfe) or finding us on any NFT discord channel (user: munchandcrunch).

Overview:

1,000 PixaWizards were created by randomly assigning 4 major traits from various levels of rarity. There are 10 possible worlds, while there are 5 possible clothing patterns, items, and face gear respectively:

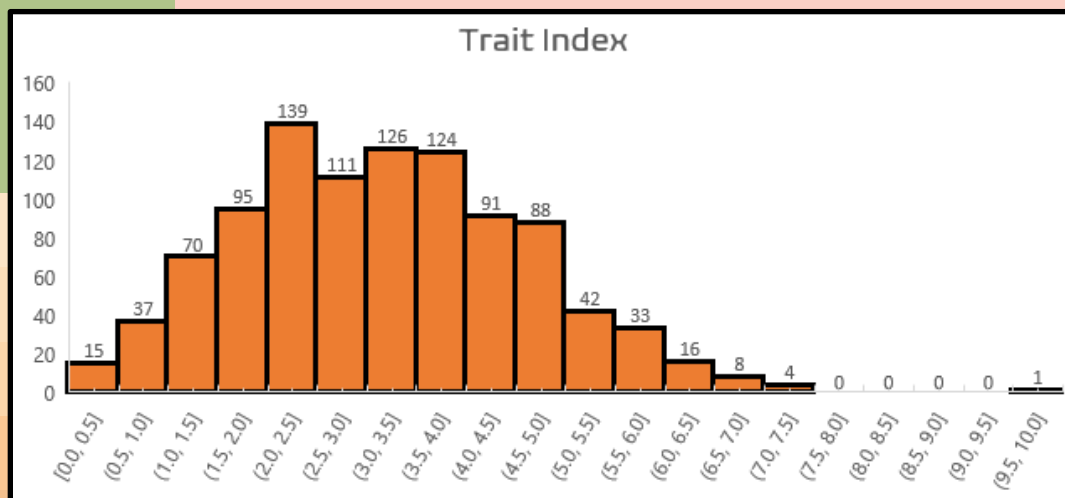
Rarity	0	1	2	3	4	5	6	7	8	9
World	Terra	Desertum	Jangala	Magma	Aqua	Sabulo	Bruma	Montem	Caverna	Luna
Clothing	Solid	Striped	Polka Dot	Ziggy	Rainbow					
Item	Wand	Potion	Crystal Ball	Magic Staff	Pyro Sword					
Face	Plain	Small glasses	Triple lenses	Big Sunnies	Nifty Visor					

A glossary is given on the next page with images of each major trait. The major traits have many variations called "minor traits" (facial hair, colors etc.) that are all approximately the same rarity within that major trait. This creates diversity within the 1,000 PixaWizards without making the rarity distributions too hard to understand (ie. Two wizards with the same major traits could look different due to differences in minor traits). The PixaWizards were repeatedly generated until an instance of the rarest combination occurred (Luna – Rainbow – Pyro Sword – Nifty Visor). Once this occurred, the generated cohort of 1,000 PixaWizards was saved and became the tokens that will be released. This guaranteed there would be a single PixaWizard that consisted of the 4 rarest major traits.

Distributions of traits:

See below for population distributions for each major trait. In addition, a "Trait Index" was calculated to approximately represent the rarity of the PixaWizard across multiple traits when compared to the histogram below (Trait index: Max: 10, min:0). Note that a high Trait Index does not necessarily indicate rarity, a combination of many low rarity traits can be rare in itself. The four major traits and Trait Index are included in the metadata of the PixaWizard erc721 token (symbol: PWIZ).

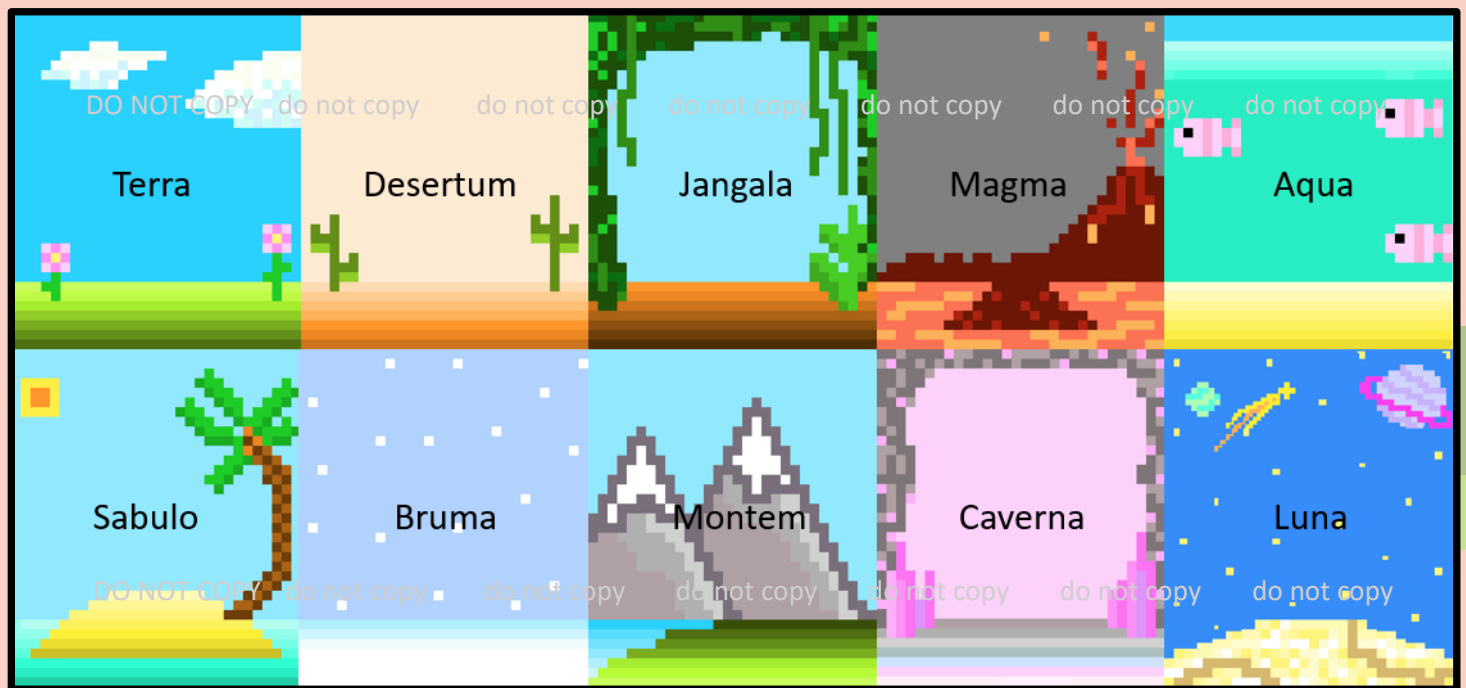
Rarity	0	1	2	3	4	5	6	7	8	9	Total
World	163	176	154	137	114	88	70	48	30	20	1000
Clothing	322	263	173	165	77						1000
Item	350	290	200	130	30						1000
Face	377	265	203	108	47						1000



PixaWizard Characteristics:

Rarity	0	1	2	3	4
Clothing	 Solid	 Striped	 Polka Dot	 Ziggy	 Rainbow
Item	 Wand	 Potion	 Crystal Ball	 Magic Staff	 Pyro Sword
Face	 None	 Small Glasses	 Triple Lenses	 Big Sunnies	 Nifty Visor

Worlds:



Examples!!!

