

Mapping Reef Check

I will create a demo map that can be used by Reef Check to document its survey areas, species distribution, pollution hotspots, and more. While the base map will include mostly only human-oriented features (e.g. roads and cities), the color scheme can be adopted by any field representing features or areas of interest to Reef Check. Below is the anticipated cost of this project, by activity:

Activity	Anticipated Time	Anticipated Cost	Actual Time	Actual cost
Develop a map representative of the overall feel of Reef Check	45 min		90 min	
Create an accessible webpage with three distinct zoom levels	20 min		30 min	
Create a lookup table that documents the feature type, element type, and stylers for all relevant features	30 min		40 min	
Provide a link to a downloadable JSON file	10 min		5 min	
Write instructions for future map alterations	60 min		20 min	

Color Library by Feature

Feature type	Element type	Stylers
All	Labels / Text fill	Color: Carrot Orange #EF8B21
All	Labels / text outline	Color: Dark Blue #0C1C51
Country	Geometry / Stroke	Color: Squid Pink #E77B7C
Province	Geometry / Stroke	Color: Carrot Orange #EF8B21
Land parcel	Labels / Text fill	Color: Robin's Egg Blue #08C1B3
Landscape / Human-made	Geometry / Stroke	Color: Squid Pink #E77B7C
Landscape / Natural	Geometry	Color: Dark Blue #0C1C51

Points of interest	Labels / Text fill	Color: Robin's Egg Blue #08C1B3
Points of interest	Labels / Text fill outline	Color: Dark Blue #0C1C51
POI / Park	Labels / Text fill & Geometry	Color: Persian Green #04A39F
Road	Geometry	Color: Persian Green #04A39F
Road	Labels / Text fill	Color: Dark Blue #0C1C51
Road	Labels / Text outline	Color: Robin's Egg Blue #08C1B3
Road / Highway	Geometry	Color: Magenta (#EF31D5)
Road / Highway	Geometry / Stroke	Color: Dark Teal #0D89AA
Road / Highway	Labels / Text fill	Color: Medium Violet Red (#D61E99)
Road / Highway	Labels / Text outline	Color: Dark Blue #0C1C51
Transit	Labels / Text fill	Color: Robin's Egg Blue #08C1B3
Transit	Labels / Text outline	Color: Dark Blue #0C1C51
Transit / Line	Geometry / Fill	Color: Squid Pink #E77B7C
Transit / Station	Geometry	Color: Squid Pink #E77B7C
Water	Geometry	Color: Navy #0e1626
Water	Text fill	Color: Dark Teal #0D89AA