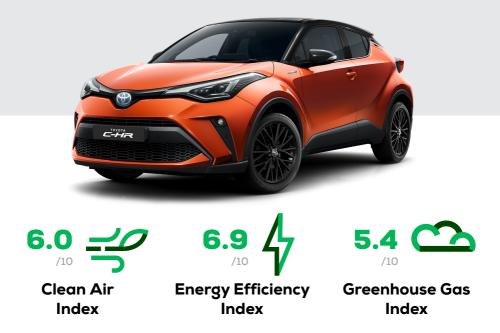




green ncap

# Toyota C-HR

# 1.8 hybrid 4x2 automatic



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	Laboratory Test	NMF		x NH <sub>3</sub>	со	PN
<b>6.2</b> /10	Cold Test	•			•	
<b>7.8</b> /10	Warm Test			•		•
<b>1.2</b> /10	Cold Ambient Test	•				
<b>7.2</b> /10	Highway	•		•	•	
	Road Test					
<b>6.8</b> /10	On-Road Drive					
<b>4.8</b> /8	On-Road Heavy Load					
<b>2.4</b> /5	On-Road Light Load					•
<b>4.3</b> /5	On-Road Short Trip				•	•
<b>2.0</b> /2	Congestion					
•	Robustness					
	n.a. good	adequate	marginal	weak	poor	

#### Comments

The C-HR performs well in the on-road tests and in the more straightforward of the laboratory tests. However, particulates and emissions of other pollutants except  $NO_x$  are high in the cold ambient temperature test.



# **Energy Efficiency Tests**

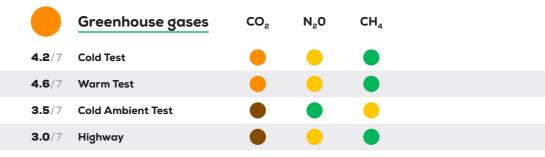
Laboratory Test	Energy		
8.1/10 Cold Test	•		
<b>8.9</b> /10 Warm Test	•		
<b>6.0</b> /10 Cold Ambient Test	•		
<b>4.8</b> /10 Highway	•		
	Consumption	Driving Range	
Average	<b>5.4</b> I/100 km	<b>839</b> km	
Worst-case	<b>7.1</b> I/100 km	<b>608</b> km	



#### Comments

Hybrid technology aids the efficiency of the C-HR and the car performs well in this part of the assessment, with an index of 6.9.







#### Comments

The C-HR shows very good control of Methane (CH<sub>4</sub>) and Nitrous Oxide (N<sub>2</sub>O) emissions, two very powerful greenhouse gases.  $CO_2$  is elevated in the high-load highway test.



### **Our Verdict**

The C-HR went on sale in 2017 with a choice of a 1.2 turbocharged petrol engine or 1.8 hybrid. A 2.0 hybrid was added in 2020 and, from 2021, the only the hybrid variants will be offered. The 1.8 hybrid, which comes only as 4x2 and with continuously variable transmission (CVT) is the version tested here. The car takes full advantage of Toyota's long-term commitment to hybrid technology, utilising it to good advantage in most situations. Fuel efficiency in the standard lab tests is very good and pollutant emissions are well controlled. The lack of a gasoline particulate filter (GPF) is regrettable as this would improve its performance even more. Green NCAP is informed that, from the end of 2020, a GPF is fitted to the C-HR. As tested, the C-HR delivers good, balanced scoring in all areas of assessment and the car emerges with a creditable 3½ star rating.

## Disclaimer

Publication Date

**Tested Car** 

Emissions Class

Tyres

Mass 1,429 kg Engine Size

Engine Power/Torque

Battery Capacity

**Published Driving Range** 

Published CO<sub>2</sub>

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