

# pair()

...

```
CarbonController.sol Copy functionpair(Tokentoken0,Tokentoken1)externalviewreturns(Pairmemory);
```

...

This function is used to get the metadata for the pair of the indicated tokens. This includes the ID of the pair, token0, and token1.

## Function Arguments

Name Type Description token0 Token The first token address. token1 Token The second token address.

## Returns

This function returns a Pair object, containing the pair ID and the addresses of token0 and token1.

Name	Type	Description
id	uint256	The ID of the pair
token0	Token	The first token address
token1	Token	The second token address

## Example

...

```
Copy pair( 0x514910771AF9Ca656af840dff83E8264EcF986CA, //token0
0xEeeeeEeeeEeEeeEeEeEeEEEEEEEEEEEEEEEEEEEEEE //token1 )
```

```
// Returns: // struct Pair { // uint128 id; // Token[2] tokens; // }
```

...

For the ETH token, use the contract address:0xEeeeeEeeeEeEeeEeEeEeEEEEEEEEEEEEEEEEEEEEEE

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