How to Show Only Valid Variation Combinations in WooCommerce

Pro Features · https://wpfactory.com/docs/show-only-valid-variation-combinations/

To show only valid variation combinations with Variation Swatches for WooCommerce - Color & Image Swatches Pro, go to WooCommerce > Settings > Variation swatches, tick Only valid combinations, and save. After a shopper picks one swatch, swatches that would lead to a variation you do not sell are greyed out. This Pro option is on by default.

Before you start

- WooCommerce, active.
- Variation Swatches Pro (this is a Pro feature).
- A variable product with two or more swatch attributes, where not every combination exists.

How it works

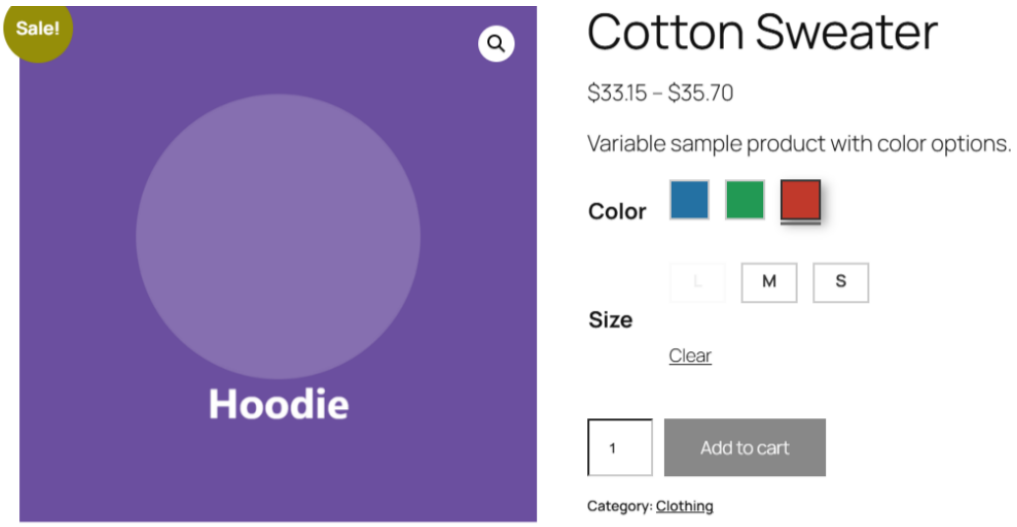
When a customer selects a swatch for one attribute, the plugin checks which options remain possible for the other attributes and disables the swatches that would lead to a non-existent variation. Disabled swatches get the `disabled` CSS class so they appear dimmed and cannot be chosen. This runs on top of WooCommerce's own variation matching, so it always reflects the variations you have actually created.

Turn it on

1. Go to **WooCommerce > Settings > Variation swatches**.
2. Tick **Only valid combinations**.
3. Save changes.

Label	Option ID	Type	Default	Free/Pro
Only valid combinations	`alg_wc_civs_possible_combinations`	Checkbox	Yes	Pro

This option is on by default in Pro. If you would rather let shoppers click any swatch and see WooCommerce's standard "not available" message, untick it.



Troubleshooting

- **No swatches are greyed out:** confirm the option is ticked, and that the product genuinely has missing combinations. If every combination exists, nothing is disabled.
- **Everything stays clickable:** the disabling runs in the browser. Clear any page or JavaScript cache after enabling the option, and check that your theme is not blocking the plugin's script.

VARIATION SWATCHES

Only valid combinations is a Pro feature of Variation Swatches. If you are still on the free version, upgrading takes a couple of minutes and unlocks this along with the rest of the Pro toolkit.

Get Variation Swatches Pro →

Related articles

- How to Add Variation Attribute Images to the WooCommerce Product Gallery
- How to Use Select2 Dropdowns for WooCommerce Variations
- Variation Swatches General Options and Pro Settings
- Variation Swatches Settings Reference
- How to Change the Size and Shape of WooCommerce Variation Swatches