



ColorPick · Quick guide

ColorPick 0.1

ColorPick finds the nearest NCS colour to any surface — walls, plaster, fabrics, wood, samples — measuring it with your phone camera. The photo is calibrated with the **PFCL RCC V.S1** or **V.8** colour checker, so the result does not depend on the light or on the phone.

What you need

- An Android phone with ColorPick.
- The Profilocolore **PFCL RCC V.S1** (silicone) or **V.8** (NCS patches) colour checker.
- Even light on the surface and on the checker.

For a good result

- Avoid direct sun, hard shadows and reflections on the checker.
- Keep the checker flat, with the **white and black bar at the top**.
- Do not use the flash.
- Language: **IT / EN / 中文** at the top right of the main screen. The ← arrow goes back.

How to use it

- 1 Choose the mode**
Tap **Take a photo**. To the right of the shutter button choose **One photo** (checker and surface together) or **Two photos** (checker first, then the surface).
- 2 One photo**
Place the checker on the surface and put it inside the frame at the bottom: it can be smaller, but centred and not smaller than the dashed rectangle. The surface to measure goes above. The **V.8** is found from its markers anywhere in the photo. Shoot.
- 3 Two photos**
Photo 1: the checker up close, filling the frame; exposure and white balance are locked. **Photo 2:** the surface, under the same light as the checker. **Retake the checker** starts again from photo 1. Useful for large or distant surfaces.
- 4 If the checker is not found**
Choose the model (V.S1 or V.8), drag the 4 points onto the checker corners (the yellow side goes on the white and black bar), tap **Snap to checker** and then **Confirm**. With **Choose from gallery** you can use a photo you already took, as long as it contains the checker.
- 5 Measure**
Tap the point to measure; pinch to zoom, double tap to go back. You see the measured colour, the **Nearest NCS** with its code, how close it is (in words) and **Other close NCS colours**: tap them to compare. **Add to palette** adds the selected one.
- 6 Palette**
It collects colours from several photos too. Press and hold a colour to delete it. **Save palette** gives it a name; reopen it from the main screen with **Load palette**. Then **Save image** (Pictures/ColorPick), **Share** or **New palette**.

How close is it

Label	ΔE_{00}
Practically identical	< 1
Nearly identical	1 – 2
Very similar	2 – 3.5
Similar	3.5 – 6
No really close NCS colour	over 6

Technical details

- Below the result, **Technical details** shows the measured Lab (D65, 10°), the Lab of the 4 proposed NCS colours with their ΔE_{00} , HEX, RGB and the calibration quality.
- If the warning about a not very accurate calibration appears, retake the photo with more even light.

NCS colours measured by Profilocolore with a spectroradiometer. On-screen colours are approximate: always check against a physical sample. NCS is a trademark of NCS Colour AB.