HydroColor Pro
The prosthetic contact lens

- wide choice of natural standard colours
- comfortable high quality contact lens material (CTF 67%)
- available in individualised contact lens parameters
- choose from different iris and pupil diameters
- available with clear or black pupil
- exactly reproducible & colourfast
What is **HydroColor Pro**?

HydroColor Pro is an individual prosthetic contact lens with an opaque back surface, that is produced exclusively by SwissLens. This contact lens can be used with the following medical conditions:

- trauma, cicatrization and corneal clouding
- iris coloboma
- albinism
- heterochromia iridis
- aniridia

How is a **HydroColor Pro** produced and what is the advantage?

The colour and iris structure is created by an innovative method, which uses special patterns. As a result, the structure is exactly repeatable.

![Diagram of the production process of HydroColor Pro](image)

The hue and intensity is specified by a colour code. This ensures reorders of coloured lenses with the same result, and a better reproducibility than classical hand painted lenses.
Although the dye is fixed in the lens material (no sandwich, no paint on surface), it is independent of the lens thickness and thus independent of lens power. The DK-value for the coloured lens is the same as for a clear lens, which means: no reduction of oxygen permeability!

More than 50 steps are required to manufacture a HydroColor Pro, because despite the pattern process, it’s still a “hand-coloured procedure”. The complete tinting process takes about one hour.

**How do I clean a HydroColor Pro?**

In order to avoid damage to the colour, especially opaque fading, please use only recommended solution. The Acuacare one step-T is tested and optimally compatible. Attention! Do not use any care system which contains EDTA. Please ask for further compatible solutions.

**How to fit a HydroColor Pro?**

- Important for the first order: radius and diameter of the cornea, power, pupil diameter
- calculation and order of a clear or opaque trial lens, the colour is chosen by a colour sample book
- order of the coloured lens by giving the serial number of the trial lens and the colour number chosen from the colour sample book, pupil clear (0) or black (1) and diameter of iris and pupil. Example: 1253476, 53-1, 12/4.2
What are the available parameters?

**HydroColor Pro** - Selection*

Our colour sample book allows you to match the colour of your patient's eye together with your customers.

**Colour parameter**
- iris - Ø
  - 10.8 / 11.2 / 11.5 / 12.0 / 12.5 / 12.8
- clear pupil - Ø
  - 2.7 / 3.3 / 3.8 / 4.2 / 4.8
- black pupil - Ø
  - 3.2 / 3.7 / 4.2 / 4.8
  - 30 colour variations

**Technical parameters**
- sph +/- 8.00 dpt, zyl -2.00 dpt
- Ø 13.00 bis 15.50 mm
- r₀ 8.00 bis 9.50 mm
- contact us for additional parameters

Order your colour sample book here: [www.swisslens.ch/de/contakt](http://www.swisslens.ch/de/contakt)

*Delivery time: 3 weeks*