

Garance (madder root - Red dye)

- *Rubia tinctorium* -

- 130 gr mordanted fibers
- 100 à 150% for hot extraction
- 50 % for cold extraction

Recipe: 150% → 195 gr

- Place plants in a bag and steep in warm water
- Heat up and add rinsed fibers
- Mix and heat to 80°C.

Result

Silk



Cotton



Wool



: 50% → 78 gr

- Mix in cold water
- Filter before putting in the pot
- Adjust water, mix and heat to 80°C max.

Result

Silk



Cotton



Wool



Cochenille (cochineal - pink dye)

- *Dactylopius coccus* -

- 130 gr mordanted fibers
- 40% dried insects

Recipe:

- place dried insects in a bag
- Wash the cochineal or stir the bag in hot water to infuse the tincture.
- Add wool when water is cool and others fabrics after.
- Mix and heat to 80°C

Result

Silk



Wool



Cotton



Grenade (yellow dye)

- *Punica granatum* -

- 130 gr mordanted fibers
- 150% plants or 50% extract (195 gr / 65 gr)

Recipe:

- Place plants in a bag and steep in water
- Heat to 80°C during 30 minutes (put wool when water is cold)
- Once the colored juice is obtained, leave to cool
- Add Ruised fibers
- Mix and heat to 60-80°C during ~ 1 hour

Result:

Silk



Wool



Cotton



Myrobolan (green dye)

- Prunus cerasifera -

- 130 gr mordanted fibers
- 150% plants or 50% extract (195gr / 65gr)

Recipe:

- Place plants in a bag and steep in water
- Heat to 80°C during 30 minutes (put wool when water is cold).
- Once the colored juice is obtained, leave to cool
- Add rinsed fibers
- Mix and heat to 60-80°C during \approx 1 hour.

Result:

Silk



Wool



Cotton



Shade
with iron bath. →



Catechu (Brown dye)

- 130 gr (mordanted) fibers
- 100% catechu quantity → 130 gr

Recipe:

- Place plants in a bag and steep in water
- Heat up (put wool when the water is cold)
- Add rinsed fibers
- Mix and heat to 80°C

Result:

Silk



Wool



Cotton



Mordanting

• Cotton with different baths

↳ 1 alum baths

+ 1 gallnuts bath (fannins)

+ 1 alum baths



↳ Mordant shade with gallnuts bath and iron bath (twice)

