

## INFLUENCE OF PERFUMES ON THE HUMAN BODY

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**Abstract.** Perfumery is a set of products used to scent the human body, clothing, linen and indoor air. Perfumery not only serves an independent aesthetic purpose, but is also part of many other products: cosmetics, personal hygiene products and household chemicals.

**Keywords:** Perfumes, aldehydes, musk, patchouli, citruses.

Perfumery is an important aspect of maintaining calm and good mood. The market offers many options for perfumes for women and men, including three well-known brands - Chanel No. 5, Dolce & Gabbana Parfum and Giorgio Armani. This project will focus on the key factors that differentiate these products, allowing consumers to better understand their composition and benefits.

Chanel is a French company producing expensive fashion clothing, luxury perfumes and cosmetics, jewelry and other luxury items. Founded by fashion designer Coco Chanel in Paris at the beginning of the 20th century. The first and most famous perfume, Chanel No. 5, was born in 1921, after Coco met and collaborated with the famous perfumer of Russian origin, Ernest Beaux.

Dolce&Gabbana is an Italian fashion house founded by designers Domenico Dolce and Stefano Gabbana.

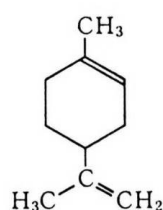
The history of the world-famous fashion house began with the meeting in 1980 of Domenico Dolce and Stefano Gabbana. In 1982 they opened a small design studio in Milan.

Dolce&Gabbana perfumes gained real popularity in the 2000s after the release of The One, Light Blue and L'Imperatrice 3. Today, the brand's perfume collection consists of more than 80 original men's and women's fragrances.

Giorgio Armani is an Italian company specializing in the production of clothing and various accessories. The first perfume of the Giorgio Armani brand, called Giorgio Armani for Men, was released in 1982. In total, the Italian brand released about 70 fragrances, and many of them became real hits that have not lost their relevance to this day.

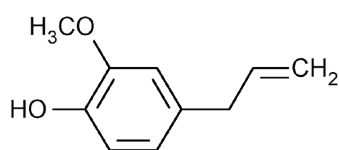
Chemical composition. Chanel No. 5 Parfum Chanel is a fragrance for women, it belongs to the group of floral, aldehydic.

This perfume contains: Neroli (neroli) - oil of bitter orange flowers from Grasse, contains:



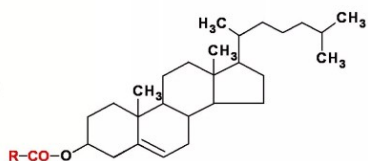
Limonene. This component is responsible for the fresh citrus aroma and has antiseptic properties.

Ylang-Ylang - a yellow flower with long petals, supplied from the Comoros Islands, contains:



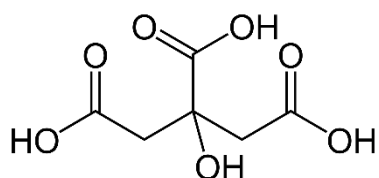
Eugenol. It improves blood flow in the scalp, helping nutrients reach the roots faster.

Musk is a strong-smelling substance produced by the glands of some animals (musk deer, muskrat, musk duck) or obtained from some plants and used in perfumery. Contains:



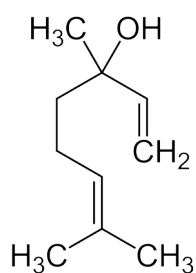
Cholesterol esters. Used to fix aromas. It makes scents more sensual and warm.

Dolce & Gabbana. This perfume contains: Lemon plant; species of the genus Citrus. It includes:



Citric acid. They inspire a feeling of freshness and lightness, they lift your spirits and enliven your consciousness.

Lavender is an herbaceous plant, a species of the genus Lavender, which includes:

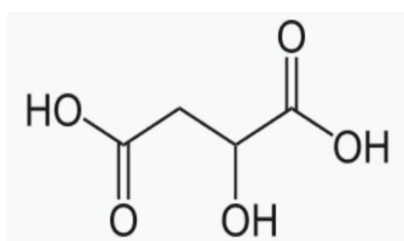


Linalool. Colorless liquid with the smell of lavender. It has a calming effect on the nervous and cardiovascular systems.

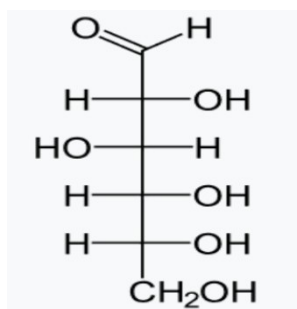
This perfume also contains substances such as Citrus, Patchouli, Blood Orange, Juniper Berries, Geranium, Hot Pepper, Clary Sage and Cedar.

Giorgio Armani. This perfume contains:

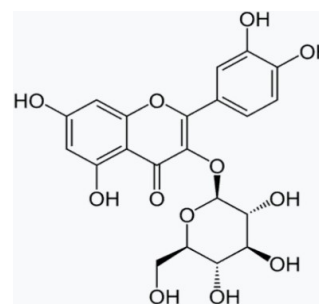
Black currant leaf has a fresh, herbaceous, woody-minty, tart aroma that helps relieve stress and relieve nervous tension. It includes:



*Malic acid*

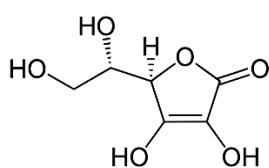


*Glucose*

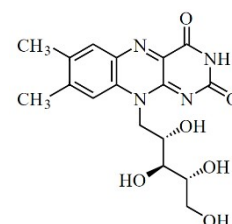
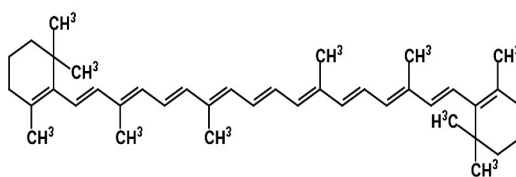


*Glycosides*

Rose de May combines honey and floral notes that give the perfume unrivaled subtlety. Sometimes it can take on animal features and reveal leathery sides that are very elegant. It contains:



*Ascorbic acid*



*β-carotene*

*Riboflavin*

This perfume also contains Patchouli, Ambroxan and Vanilla. Useful and harmful properties of perfumes. Everyday benefits of musk.

Powerful antioxidant - it contains natural compounds that act as antioxidants to help fight free radicals responsible for cell aging.

To relieve stress and anxiety – the subtle aroma of musk is known for its calming effect on the mind.

Improving sleep quality - Musk may also play a role in improving sleep quality. Its relaxing effects can help calm the mind before bed, promoting deeper, more restful sleep.

For several years now, allergists and dermatologists have been paying attention to the increasing incidence of painful reactions to various aromatic substances.

In severe cases, seemingly pleasant smells of perfume, cologne, and eau de toilette can cause inflammation of the mucous membranes, runny nose, nausea, difficulty breathing, sudden fatigue and other painful symptoms. Perfume aromas are especially dangerous for asthmatics and those suffering from other diseases of the respiratory system. Studies have shown that synthetic substances with the smell of musk, which are introduced into perfumes, accumulate in the blood, and in nursing mothers pass into the milk. It has been proven in fish, frogs and rodents that synthetic analogues of musk disrupt the hormonal balance in the body and thereby disrupt reproduction.

Conclusion: From my article I would like to conclude that perfumes, from a medical point of view, have both beneficial and harmful properties. When comparing them, you can understand that each perfume brand has its own individuality and uniqueness, and has its own chemical composition. And when choosing a perfume, you must pay attention to whether a person has a tolerance to the components of this perfume, and whether there are any allergic reactions or effects.

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