The thesis is exclusively allocated to a contrastive analysis of phonetic systems of English and Russian language. The given text is divided into two parts: the first one focuses on the theoretical description of main phonetic phenomena, that are characteristic for the languages; and the second one concentrates on the comparison of two languages based on the previously described features. The first chapter of this thesis is dedicated to individual phonemes – vowels, consonants and aspects of connected speech such as assimilation, assibilation, and elision. The second chapter focuses on prosodic features of the languages such as a syllable, stress, vowel reduction, syntagmatic division, and intonation. The following practical part wholly mirrors the structure of the theoretical part, which enables the contrastive analysis to be more transparent. The main aspiration of the thesis is to discover differences and similarities in phonetics and phonology between the two languages. The particular endeavor of this work was not only to list the differences between languages but also to unearth plausible errors and its causes while learning these languages as foreign.