

# Supported Character Encoding in RTF Invoice Formats

## Commonly Supported Encodings

Encoding Name	RTF Control	Description	Example Usage
ANSI (Windows-1252)	\ansi	Default for English & Western European; basic Latin & special symbols.	{\rtf1\ansi ...}
Unicode	\ucN, \uN	Supports multilingual characters; preferred for global invoices.	{\rtf1\ansi\deff0 {\fonttbl ...} \uc1\u2605*}
Macintosh	\mac	Legacy encoding for old Mac systems.	{\rtf1\mac ...}
Symbol	\fcharset2	Supports symbolic fonts (math, Greek, etc.).	{\fonttbl{\f0\fswiss\fcharset2 Symbol;}}
East European	\ansicpg1250	For Central/East European languages (Polish, Czech, etc.).	{\rtf1\ansi\ansicpg1250 ...}
Russian (Cyrillic)	\ansicpg1251	Supports Cyrillic characters.	{\rtf1\ansi\ansicpg1251 ...}
Greek	\ansicpg1253	Used for Greek scripts.	{\rtf1\ansi\ansicpg1253 ...}
Turkish	\ansicpg1254	Used for Turkish language documents.	{\rtf1\ansi\ansicpg1254 ...}
Baltic	\ansicpg1257	Supports Baltic languages (Lithuanian, Latvian, etc.).	{\rtf1\ansi\ansicpg1257 ...}

## Unicode Example in RTF Invoice

```
{\rtf1\ansi\uc1
Invoice: \u8364?150.00    ; (Euro symbol)
Customer: \u1041?\u1080?\u1083?\u1075?\u1077? (Cyrillic: "Биле")
}
```

## Important Notes

- Always specify encoding in the RTF header for correct interpretation across platforms.
- Unicode control words \uN enable support for global character sets but require compatible RTF viewers.
- Non-ASCII characters may not display correctly if the buyer's system uses a different code page.
- Avoid mixing multiple encodings in a single RTF file.
- RTF is best suited for simple text and formatting; for complex scripts, consider PDF or XML alternatives.