
A PHONETIC ALPHABET

based upon the alphabet of the

International Phonetic Association

LINOTYPE presents a complete and authoritative system of phonetic transcription to meet the ever-increasing demands in this important field dealing with the science of language. Linguistic scholars have long recognized the need for standardization of symbols in their medium. The International Phonetic Alphabet, as devised by the International Phonetic Association, provides an authentic basis on which to proceed. Phoneticians will recognize the familiar chart reproduced herein.

The list of characters includes, in addition to the symbols of the International Phonetic Association, the most common and widely used signs and letters as they appear in the most influential works by many scholars in many languages. In this connection, detailed consideration has been given not only to the chief works in general phonetics, in Teutonic (English, German, Scandinavian, etc.), Romanic (French, Spanish, Italian, etc.), Slavic (Russian, Czech, etc.), but also in the remoter tongues, such as the Bantu and Sudanic in Africa, and many languages in Asia.

Attention is particularly directed to the group of independent diacritical marks, or modifiers. These are intended to be placed immediately before or after the main character, a practice which will make the problem of composition much easier for printer (and author) in that it greatly reduces the number of characters needed while still offering broad, readable transcription under the principle of the phoneme.

For the painstaking care and thoroughness of detail that forms the basis of this work, the Mergenthaler Linotype Company acknowledges its appreciation to Professor Harold H. Bender of Princeton University, and the many scholars he consulted, the world over.

TRADE LINOTYPE MARK

MERGENTHALER LINOTYPE COMPANY
BROOKLYN, NEW YORK, U. S. A.

PHONETIC CHARACTERS AVAILABLE FOR THE IPA SYSTEM AND OTHER LINGUISTIC USES

The Linotype system embodies a light and heavy design of each character on the matrix

No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
1 p	20 w	39 ɰ	58 Ǿ	77 ḳ	96 ɔ	115 ɜ	134 ʏ	153 ɛ̈	172 ǿ	190 ɹ
p	w	ɰ	Ǿ	ḳ	ɔ	ɜ	ʏ	ɛ̈	ǿ	ɹ
2 b	21 ʙ	40 ɸ	59 ɹ	78 ɡ	97 o	116 ɐ	135 ʐ	154 ɨ	173 ʊ̃	191 ɽ
b	ʙ	ɸ	ɹ	ɡ	o	ɐ	ʐ	ɨ	ʊ̃	ɽ
3 t	22 z	41 ɳ	60 ʂ	79 ʎ	98 u	117 ɑ̃	136 ʃ	155 ɵ̃	174 ɭ	192 ɰ
t	z	ɳ	ʂ	ʎ	u	ɑ̃	ʃ	ɵ̃	ɭ	ɰ
4 d	23 ɖ	42 ɳ̣	61 ʂ̣	80 ɣ	99 y	118 ẽ	137 ɸ̣	156 ɥ̃	175 ɱ	193 ɸ̣
d	ɖ	ɳ̣	ʂ̣	ɣ	y	ẽ	ɸ̣	ɥ̃	ɱ	ɸ̣
5 k	24 ɸ̣	43 ɸ̣	62 ʂ̣	81 ɦ̣	100 ø	119 ĩ	138 ɸ̣	157 ɔ̃	176 ɳ̣	194 ɸ̣
k	ɸ̣	ɸ̣	ʂ̣	ɦ̣	ø	ĩ	ɸ̣	ɔ̃	ɳ̣	ɸ̣
6 m	25 ɸ̣	44 ɦ̣	63 ʐ̣	82 ɸ̣	101 œ	120 ɵ̃	139 ɸ̣	158 ẽ̃	177 ɸ̣	195 ɸ̣
m	ɸ̣	ɦ̣	ʐ̣	ɸ̣	œ	ɵ̃	ɸ̣	ẽ̃	ɸ̣	ɸ̣
7 n	26 ɸ̣	45 ɭ	64 ʐ̣	83 ɸ̣	102 ɖ	121 ũ	140 ɸ̣	159 ĩ̃	178 ɸ̣	196 ɸ̣
n	ɸ̣	ɭ	ʐ̣	ɸ̣	ɖ	ũ	ɸ̣	ĩ̃	ɸ̣	ɸ̣
8 l	27 ɸ̣	46 ɭ̣	65 ʐ̣	84 ɦ̣	103 ʌ	122 ẽ̃	141 ɸ̣	160 ǣ̃	179 ɸ̣	197 ʐ̣
l	ɸ̣	ɭ̣	ʐ̣	ɦ̣	ʌ	ẽ̃	ɸ̣	ǣ̃	ɸ̣	ʐ̣
9 f	28 ɸ̣	47 ɸ̣	66 ɸ̣	85 ɸ̣	104 ʎ	123 ɵ̃	142 ɸ̣	161 ʊ̃	180 ɸ̣	198 ɸ̣
f	ɸ̣	ɸ̣	ɸ̣	ɸ̣	ʎ	ɵ̃	ɸ̣	ʊ̃	ɸ̣	ɸ̣
10 h	29 ɸ̣	48 ɭ̣	67 ʐ̣	86 ʊ	105 ɰ	124 ɵ̃	143 ɸ̣	162 ʊ̃	181 ɸ̣	199 ɸ̣
h	ɸ̣	ɭ̣	ʐ̣	ʊ	ɰ	ɵ̃	ɸ̣	ʊ̃	ɸ̣	ɸ̣
11 g	30 ɸ̣	49 ɭ̣	68 ɸ̣	87 ɸ̣	106 ɸ̣	125 ʌ̃	144 ɸ̣	163 ɸ̣	182 ɸ̣	200 ɸ̣
g	ɸ̣	ɭ̣	ɸ̣	ɸ̣	ɸ̣	ʌ̃	ɸ̣	ɸ̣	ɸ̣	ɸ̣
12 g	31 ɸ̣	50 ʌ̃	69 ɸ̣	88 ɸ̣	107 ɸ̣	126 ǣ̃	145 ɸ̣	164 ɸ̣	183 ɸ̣	201 ɸ̣
g	ɸ̣	ʌ̃	ɸ̣	ɸ̣	ɸ̣	ǣ̃	ɸ̣	ɸ̣	ɸ̣	ɸ̣
13 j	32 ɸ̣	51 ɸ̣	70 ɸ̣	89 ɸ̣	108 ɸ̣	127 ǣ̃	146 ɸ̣	165 ɸ̣	184 ɸ̣	202 ɸ̣
j	ɸ̣	ɸ̣	ɸ̣	ɸ̣	ɸ̣	ǣ̃	ɸ̣	ɸ̣	ɸ̣	ɸ̣
14 r	33 ɸ̣	52 ɸ̣	71 ʐ̣	90 ɸ̣	109 ʊ	128 ɵ̃	147 ɸ̣	166 ɸ̣	185 ɸ̣	ɸ̣
r	ɸ̣	ɸ̣	ʐ̣	ɸ̣	ʊ	ɵ̃	ɸ̣	ɸ̣	ɸ̣	ɸ̣
15 ɸ̣	34 ɸ̣	53 ɸ̣	72 ɸ̣	91 ɸ̣	110 ʊ	129 ɵ̃	148 ɸ̣	167 ɸ̣	186 ɸ̣	ɸ̣
ɸ̣	ɸ̣	ɸ̣	ɸ̣	ɸ̣	ʊ	ɵ̃	ɸ̣	ɸ̣	ɸ̣	ɸ̣
16 ɸ̣	35 ɸ̣	54 ɸ̣	73 ɸ̣	92 e	111 ʎ	130 ɸ̣	149 ʐ̣	168 ×	186 ʌ̃	ɸ̣
ɸ̣	ɸ̣	ɸ̣	ɸ̣	e	ʎ	ɸ̣	ʐ̣	×	ʌ̃	ɸ̣
17 ɸ̣	36 ɸ̣	55 ɸ̣	74 ʐ̣	93 ɸ̣	112 æ	131 ɸ̣	150 ɸ̣	169 ǣ̃	187 ɸ̣	ɸ̣
ɸ̣	ɸ̣	ɸ̣	ʐ̣	ɸ̣	æ	ɸ̣	ɸ̣	ǣ̃	ɸ̣	ɸ̣
18 s	37 ɸ̣	56 ɸ̣	75 x	94 a	113 ɵ	132 ɸ̣	151 ʐ̣	170 ɸ̣	188 ɸ̣	ɸ̣
s	ɸ̣	ɸ̣	x	a	ɵ	ɸ̣	ʐ̣	ɸ̣	ɸ̣	ɸ̣
19 v	38 ɸ̣	57 ɵ	76 ɸ̣	95 ɑ	114 ə	133 ɸ̣	152 ʐ̣	171 ɸ̣	189 ɸ̣	ɸ̣
v	ɸ̣	ɵ	ɸ̣	ɑ	ə	ɸ̣	ʐ̣	ɸ̣	ɸ̣	ɸ̣

NOTE: In ordering please use form entitled "Linotype Matrix Order for Special Characters," available on request from the nearest Linotype agency. Be sure to specify 10Δ472 (Phonetic Characters) as well as character number and quantity of each desired. These characters are available at present only in ten point size as two-letter matrices in the face shown above. Characters not listed herein (and not included in "Linotype Matrix Order for Accents") can be made to order at a special price, which will be quoted upon request. If there is sufficient demand, provision will be made to cover eight point size for footnotes and eleven or twelve point for titles.

*Illustrations showing the
general use of
PHONETIC
CHARACTERS
in both roman and bold*

TRADE **LINOTYPE** MARK

SPECIMEN C

VOWELS

SYMBOL	KEY	TRANSCRIPTION
[ɑ]	<i>not</i>	[nɑt]
[a:]	<i>fast</i>	[fa:st]
[æ]	<i>bat</i>	[hæt]
[ɛ]	<i>get</i>	[gɛt]
[ɛ:]	<i>there</i>	[ðe:ɪ]
[ə]	<i>about</i>	[ə'baʊt]
[ɪ]	<i>sit</i>	[sɪt]
[ɔ]	<i>auditory</i>	['ɔdɪ'tɔɪ]
[ɔ:]	<i>law</i>	[lɔ:]
[u], [u:]	<i>altruistic</i>	[æltru'ɪstɪk]
	<i>true</i>	[tru:]
[ʊ]	<i>bush</i>	[bʊʃ]
[ʌ]	<i>but</i>	[bʌt]

SPECIMEN A

Transcription of Victor Phonograph Record, American Speech Series, No. 67-B, Boston, Massachusetts.

'wʌn 'nɑɪt ðə 'ræts 'hɜd eɪ 'greɪt 'nɔɪz
ɪn ðə 'lɑ-ft|| ɪt wəz ə 'veri 'drɪɪ oʊl
'lɑ-ft|| ðə 'ruf lɛr 'ɪn ðə 're-ɪn| ðə 'bɪmz
ʔæn 'raftəz wə 'ɔl 'rɑtɪn| so ðət ðə 'pleɪs
wəz 'rɑðə ʌn'seɪf|| ət 'lɑst 'wʌn əv ðə
'dʒɔɪs 'ge-ɪv 'we-ɪ| æn ðə 'bɪmz 'fel wɪð
'wʌn 'ʔend ɒn ðə 'flouʌ|| ðə 'wɔl 'ʃʊk|
ʔænd 'ɔl ðə 'ræts 'heə 'stud ɒn 'end| wɪθ

Specimen A: From *American Speech*, October, 1935; showing Linotype Phonetic Characters with Scotch No. 2.

Specimen B: From Kenyon's *American Pronunciation*; showing Linotype Phonetic Characters with Old Style No. 1.

Specimen C: From Krapp's *Pronunciation of Standard English in America*, showing Linotype Phonetic Characters with Janson one-letter italic.

Specimen D: From "Pronunciation in Upstate New York," appearing in *American Speech*, December, 1935; showing Linotype Phonetic Characters with Garamond No. 3.

Specimen E: From *L'Écriture phonétique internationale*, November, 1921; showing Linotype Phonetic Characters with Granjon.

SPECIMEN D

The vowel [e] is somewhat less stable than the other three. When lengthened, it may occur as a diphthong, though it is less noticeably diphthongal than in eastern American or southern British speech. As a diphthong, it occasionally occurs in lowered form, in such words as *came* [kæɪm], *take* [tɛɪk], *day* [deɪ], and *say* [seɪ]. On the other hand, it may occur as a raised vowel or diphthong, as in *Canadian* [kə'neɪdɪən], *dangerous* ['deɪndʒərəs], *today* [tə'deɪ], and *dismay* [dɪs'meɪ]. Otherwise it remains stable except for the complete substitution of one of the other phonemes.

SPECIMEN B

CONSONANTS

SYMBOL	KEYWORD	TRANSCRIPTION
[p]	<i>cap</i>	[kæp]
[b]	<i>cab</i>	[kæb]
[m]	<i>sum</i>	[sʌm]
[t]	<i>bat</i>	[bæt]
[d]	<i>bad</i>	[bæd]
[n]	<i>sun</i>	[sʌn]
[k]	<i>tack</i>	[tæk]
[g]	<i>tag</i>	[tæg]
[ŋ]	<i>sung</i>	[sʌŋ]
[f]	<i>leaf</i>	[lɪf]
[v]	<i>leave</i>	[lɪv]
[θ]	<i>tooth</i>	[tuθ]
[ð]	<i>smooth</i>	[smuð]
[s]	<i>pace</i>	[pes]

SPECIMEN E

Textes en Langues diverses

Tenant compte des principes que nous venons de poser, nous allons donner la transcription, en diverses langues, de la fable bien connue *Phébus et Borée*. La transcription, dans chaque langue, est rigoureusement pratique. Mais nous donnons en italiques des indications permettant d'arriver à un grand degré d'exactitude.

Français (du Nord)

L'accent de force tombe sur la dernière syllabe des mots importants. — Lire uɪ, ɔɪ, ɛɪ, œɪ, ɔɪ. — ə est un œɪ relâché. — r vaut r ou ʀ.

la bi:z e l sɔlə:j sə dispyte, ʃakœ asy:rɑ k il ete l ply fɔ:r, kɑt iz ʃ
vy œ vwajazœ:r ki s avɑ:se, œvlɔpe dɑ sɔ mɑ:to. i sɔ tɔ:be dakɔ:r,
kə səlɔi ki arivrɛ l prəmje a fœ:r o:te sɔ mɑ:to o vwajazœ:r, sœre
rgarde kɔm lə ply fɔ:r. albɔ:r la bi:z s e miz a sufflɛ d tut sa fɔrs; me
ply el sufflɛ, ply l vwajazœ:r sœ:re sɔ mɑ:to otur də lɔi; e a la fœ la
bi:z a rɔ:se a lə lɔi fœ:r o:te. albɔ:r lə sɔlə:j a kɔmɑ:se a brije, e o bu
d œ mɔmɑ l vwajazœ:r, reʃɔ:fe, a o:te sɔ mɑ:to. ɛ:si la bi:z a dy
rkɔn:trə kə l sɔlə:j ete l ply fɔ:r de dœ.