

TIPACheat Sheet

the two input alternatives relate to {tipa} and {tipx}.

Vowels & Consonants

a a	ə \textreve
ɑ \textrhooca	ɛ \textscE or \textscE
ɐ 5 or \textturna	ɛ E or \textscE
ɑ A or \textscripta	ɛ \textrhookepsilon
ɒ 6 or \textturnscripta	ɛ \textclosepsilon
ɑ \textinvscrip̄ta	ɛ 3 or \textrepepsilon
æ \ae	ɜ \textrhoookerepsilon
æ \textaoilig	ɜ \textcloserepsilon
ʌ \textscA or \textscA	f f
ɟ \textlhookfour	F \textscF
v \textinvsca	g g or \textscriptg
ɹ \textscA or \textscA	ɟ \textbarg
Δ \textscdelta	g \textcrg
b b	ɟ \textg or \texthtg
ɓ \textcrb	g g or \textg
ɔ \textbarb	G \textscG or \textscG
ɔ \textsoftsign	G \textscG or \texthtscg
ɔ \texthardsign	γ G or \textgamma
ɔ \textb or \texthtb	γ \textgrgamma
ɔ \textB or \textscB	γ \textfrtailgamma
β B or \textbeta	γ \textbktailgamma
c c	γ \textbabygamma
ç \textbarc	γ 7 or \texttramshorns
ç \text{c}	h h
ç \text{c}	h \textxhvlig
ç \texthtc	h \textcrh
ç C or \textctc	h H or \texthth
ç \textstretchcvar	h \textrtailhth
ç \textctstretchc	h \textheng
ç \textctstretchcvar	h \textxheng
d d	u 4 or \textturnh
d \textcrd	H \textscH or \textsch
d \textbard	i i
d \textfrhookd	i \texti
d \textfrhookdvar	i 1 or \textbari
d \text{!d} or \texthtd	i I or \textscI
d \text{:d} or \textrtaild	ı \textiota
d \texthttrtaild	ı \textlhti
d \textctd	ı \textviby
d \textdblign	ı \textraiseviby
d \textdzlig	j j
d \textdctzlig	J \textj
d \textdyoghlig	j J or \textctj
d \textctdctzlig	j \textctjvar
ð \textdh or D	j \text{v{j}}
e e	J \textbardotlessj
ɛ \textrhooke	J \textOardotlessj
ə @ or \textschwa	f \text{j} or \texthtbardotlessj
æ \textrhoookschwa	f \texthtbardotlessjvar

kk	ɓ \textthornvariii
k \textthk	ɓ \textthornvariv
ɣ \text{*k} or \textturnk	ɓ F or \textphi
κ \textscK	q q
κ \textturnscK	q \texthtq
l l	l l
ɿ (\text{~}l or) \textltilde	q \textqplig
ɿ \textbarl	Q \text{;Q} or \textscq
ɿ \textbeltl	r r
ɿ \text{:l} or \texttrtail	r R or \textfishhookr
ɿ \textlyoghlig	ɾ \textlonglegr
ɿ \text0lyoghlig	ɾ \text{:r} or \texttrtailr
ɿ \textlfishhookrllig	ɾ \text{*r} or \textturnr
L \textscL	ɾ \text{:R} or \textturnrrtail
ɿ \text{;L} or \textrevscl	ɾ \textturnlonglegr
λ \textlambda	R \text{;R} or \textscR
λ \textcrlambda	ɾ \textrevscr
m m	ɾ K or \textinvsr
ɱ M or \textltailm	s s
h \textxhmlig	š \text{v{s}}
u W or \textturnm	š \text{:s} or \texttrtail
u \textturnmrlig	š S or \textesh
M \textscM	š \textdoublebares
n n	š \textlooptoprevsh
n \textfrbarn	š \textctesh
ɱ \textnrleg	t t
ñ \text{n}	ɿ \textfrhookt
ɱ \textltailn	ɿ \textlhookt
ɱ \text{ng} or N	ɿ \text{:t} or \textrtailt
ɱ \text{:n} or \textrtailn	ɿ \textxhtt
ɱ \textctn	ɿ \text{*t} or \textturnt
N \text{;N} or \textscN	ɿ \textctturnt
o o	ɿ \textctctt
ɔ \textfemale	ɿ \textctctclig
ɔ \textunrfemale	ɿ \textctctctclig
⊙ \text{!o} or \textbullseye	ts \texttslig
⊙ \textObullseye	ɿ \texttshlig
ø 8 or \textbaro	θ T or \texttheta
œ \textoe	uu
œ \textOE or \textscœlig	u0 (zero) or \textbaru
ɔ O or \textopeno	u U or \textupsilon
ɔ \textrhoookopeno	u \text{;U} or \textscu
æ \textturncelig	n \textturnscu
ω \textomega	v v
ω \textinvomega	u V or \textscriptv
ω \textcloseomega	ww
ω \textscomega	M \text{*w} or \textturnw
p p	xx
β \textthp	χ X or \textchi
P \textscP	y y
p \textwynn	Δ L or \textturny
ɸ \text{h} or \textthorn	Y Y or \textscY
ɸ \textthornvari	ɿ \textlhtlongy
ɸ \textthornvarii	u \textviby

z \textcommatallz	ʔ \textbarglotstop
z \text{v{z}}	ʔ \textinvglotstop
z \textctz	ʔ \textcrinvglotstop
z \text{:z} or \texttrtailz	ʔ \textctinvglotstop
z \textcrtwo	ʔ \textturnvglotstop
z \textturntwo	ʔ Q or \textrevvglotstop
z Z or \textyogh	ʔ \textbarrevvglotstop
z \textbentailyogh	or \textpipe
z \textctyogh	\textpipevar
z \textrevyogh	# \textdoublebarpipe
z \textturnthree	# \textdoublebarpipevar
? P or \textglotstop	≠ \textdoublebarslash
? \textglotstopvari	or \textdoublepipe
? \textglotstopvarii	\textdoublepipevar
? \textglotstopvariii	!!
? \textraisevglotstop	

Suprasegmentals and Tone letters

'	" or \textprimstress	here \usepackage{tone}{tipa}
'	" or \textsecstress	ᵀ \tone{55}
:	: or \textlengthmark	ᶴ \tone{44}
·	; or \texthalflength	ᶶ \tone{33}
	\textvertline	ᶷ \tone{22}
	\textdoublevertline	ᶸ \tone{11}
⏟	\text{*} or \textbottomtiebar	ᵛ \tone{51}
↓	\textdownstep	ᶺ \tone{15}
↑	\textupstep	ᶻ \tone{45}
↘	\textglobfall	ᶼ \tone{12}
↗	\textglobeise	ᶽ \tone{454}
↙	\textspleftarrow	
↓	\textdownfullarrow	
↑	\textupfullarrow	
→	\textsubrightarrow	
⇨	\textsubdoublearrow	

Diacritical Tone Marks

ǎ \textxhighrise{a}	ǎ \textxrisefall{a}
à \textxlowrise{a}	à \textxfallrise{a}

Diacritics for ExtIPA, VoQS

[ᶇ] \spreadlips{s}	ᶇ \doubletilde{s}
[ᶈ] \overbridge{v}	ᶈ \partvoiceless{n}
ᶉ \bibridge{n}	ᶉ \inipartvoiceless{n}
ᶊ \subdoublebar{t}	ᶊ \finpartvoiceless{n}
ᶋ \subdoublevert{f}	ᶋ \partvoice{s}
ᶌ \subcorner{v}	ᶌ \inipartvoice{s}
ᶍ \whistle{s}	ᶍ \inipartvoice{s}
ᶎ \sliding{\texttipa{Ts}}	ᶎ \sublpr{J}
ᶏ \crtilde{m}	ᶏ \subrpr{J}
â \dottedtilde{a}	

Accents and Diacritics

è \e (grave) ̈́ \o{...
 é \e (acute) ... \textsubhalfring{o}
 ê \e k̄ \lw{k}; \textsubw{k}
 ë "e ǰ \textoverw{g}
 ê \H{e} t̄ \m{t}; \textseagull{t}
 ê \r{e} ̈́ \x{e}; \textovercross{e}
 ê \v{e} ̣ \l+0 ; \textsubplus{0}
 ê \u{e} ̣ \l'E ; \textraising{E}
 ē \=e ̣ \l'e ; \textlowering{e}
 ê \.e ̣ \l<u ; \textadvancing{u}
 ̣ \c{e} ̣ \l>@ ; \textretracting{@}
 ̣ \k{e}; \textpolhook{o} ̣ \~*e ; \textsubtilde{e}
 ̣ \textrevpolhook{o} ̣ \~"e ; \textsubumlaut{e}
 è \H*e; \textdoublegrave{e} ̣ \r*u ; \textsubring{u}
 ̣ \t*e; \textsubgrave{e} ̣ \v*e ; \textsubwedge{e}
 ̣ \^*e; \textsubacute{e} ̣ \=*e ; \textsubbar{e}
 ̣ \~*e; \textsubcircum{e} ̣ \.*e ; \textsubdot{e}
 ̣ \c{g}; \textroundcap{g} ̣ \textsubarch{e}
 ă \t=a; \textacutemacron{a} ̣ \s{m}; \textsyllabic{m}
 à \textgravemacron{a} ̣ \l~{t};...
 á \textvbaraccent{a} ... \textsuperimposetilde{t}
 ä \textdoublevbaraccent{a} t̄ t\textcorner
 è \^e; \textgravedot{e} t̄ t\textopencorner
 ê \t.e; \textdotacute{e} ̣ \textschwa\texttrhoticity
 ă \^a; \texttildedot{a} b̄ b\textceltpal
 ă \u=a; \textbrevemacron{a} k̄ k\textlptr
 ă \r=a; \textringmacron{a} k̄ k\textrptr
 š \v's\textacutewedge{s} p° p\textrectangle
 ă \textdottedbreve{a} p^h p\super h;
 t̄ \l{t}; \textsubbridge{t} ... ph
 t̄ \l{t}; \textinvsubbridge{t} d^v d\super Q...
 ̣ \textsubsquare{n} t^v t\super G...
 ̣ \l{o};... dⁿ d\super n...
 ... \textsubrhalfring{o}

Symbols not included in TIPA

Barred small capital I \ipabar{\textsci}{.5ex}{1.1}{-}{-}
 Barred J \ipabar{j}{.5ex}{1.1}{-}{-}
 Crossed K \ipabar{k}{1.2ex}{.6}{-}{.4}
 Barred open O \ipabar{\textopeno}{.5ex}{.6}{.4}{-}
 Barr. sm. cap. omega \ipabar{\textscomega}{.5ex}{1.1}{-}{-}
 Barred P \ipabar{p}{.5ex}{1.1}{-}{-}
 Half-barred U \ipabar{u}{.5ex}{.5}{-}{.5}
 Barr. sm. cap. U \ipabar{\textscu}{.5ex}{1.1}{-}{-}
 Double slash /\kern-.25em/
 Triple slash /\kern-.25em/\kern-.25em/

≤ \leq	≥ \geq	≠ \neq
· \cdot	× \times	÷ \div
‡	*	∘ \circ
α \alpha	β \beta	⋯ \cdots
δ \delta	ε \epsilon	γ \gamma
ζ \zeta	η \eta	ε \varepsilon
θ \varthetaeta	ι \iota	θ \thetaeta
ϑ \varthetaeta	κ \kappa	κ \kappa
λ \lambda	μ \mu	ν \nu
ξ \xi	π \pi	ρ \rho
σ \sigma	τ \tau	υ \upsilon
ϕ \phi	χ \chi	ψ \psi
ω \omega	Γ \Gamma	Δ \Delta
Θ \Theta	Λ \Lambda	Ξ \Xi
Π \Pi	Σ \Sigma	Υ \Upsilon
Φ \Phi	Ψ \Psi	Ω \Omega

Non-TIPA Accents & Diacritics

ò \o	ó \o	ô \o	õ \o	ö \o	ø \o
ó \o	ö \o	q \c o	õ \v o	ø \H o	
ç \c c	q \d o	q \b o	öo \t oo	œ \oe	
Œ \OE	æ \ae	Æ \AE	å \aa	Å \AA	
ø \o	Ø \O	ı \l	Ł \L	ı \i	
J \j	i ~'	ı ?'	ą \k a [T1]		

Delimiters

‘ ‘(a. grave) “ “ { \{ [((< \textless
 ’ ’(apostroph) ” ” } \}])) > \textgreater
 „ä“ "a" «a» "a"

Math mode

To use math mode, surround text with \$ or use `\begin{equation}`.
 \sim{x} Superscript^x $_x$ Subscript_x
 $\frac{x}{y}$ $\frac{x}{y}$ $\sum_{k=1}^n$ $\sum_{k=1}^n$
 $\sqrt[n]{x}$ $\sqrt[n]{x}$

Math-mode symbols

use `$. . . $` environment

Special symbols

° ~{\circ} Ex: 22°C: \$22^{\circ}\mathrm{C}\$.
 Ҁ \rotatebox[origin=c]{180}{\textipa{;R}}

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