

Aural CSS & Voice XML

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CSS2 Aural properties also in CSS3 Speech

cue: [<'cue-before'> | | <'cue-after'>] | inherit

cue-after: <url> | none | inherit

cue-before: <url> | none | inherit

pause: [<'pause-before'> | | <'pause-after'>] | inherit

pause-after: <time> | <percentage> | inherit

pause-before: <time> | <percentage> | inherit

speak: none | normal | spell-out | digits | literal-punctuation | no-punctuation | inherit

voice-family: [[<specific-voice> | [<age>] <generic-voice>] [<number>],]* [<specific-voice> | [<age>] <generic-voice>] [<number>] | inherit

New speech properties in CSS3

-xv-interpret-as: <date> | <time> | currency | measure | telephone | address | name | net
"date(dmy)" when applied to "12/11/2002" would be interpreted as 12th November 2002.

-xv-phonemes: <string>
#tomato { phonemes: "t□m□to□" }

-xv-voice-balance: <number> | left | center | right | inherit

-xv-voice-duration: <time>
This is the number of seconds or milliseconds to speak the element contents, for instance, "250ms", or "3s".

-xv-voice-pitch: <number> | x-low | low | medium | high | x-high | inherit

-xv-voice-pitch-range: <number> | low | medium | high | inherit

-xv-voice-rate: <number> x-slow | slow | medium | fast | x-fast | slower | faster | inherit

-xv-voice-stress: strong | moderate | none | reduced | inherit

-xv-voice-volume: <number> | <percentage> | silent | x-soft | soft | medium | loud | x-loud | louder | softer | inherit

Since the CSS3 Speech specification is in an early (Working Draft) stage, the properties must have a prefix to allow the final version to work differently from the current, experimental, one. All new Speech properties have an -xv- prefix, which will be dropped some time from now. Consider CSS3 Speech to be experimental, any speech style sheet you make now you will have to update in the future.