|  |  |
| --- | --- |
|  | <head> |
|  | <style> |
|  | .sudoku-board { |
|  | min-height: 22.75rem; |
|  | margin-top: 3px; |
|  | margin-bottom: 1em; |
|  | } |
|  |  |
|  | .sudoku-board-cell { |
|  | display: inline-block; |
|  | position: relative; |
|  | border: 1px solid blueviolet; |
|  | background: white; |
|  | max-width: 11.11111%; |
|  | } |
|  |  |
|  | [data-board-size="9"].sudoku-board .sudoku-board-cell:nth-of-type(9n+1) { |
|  | border-left-width: 2px; |
|  | border-left-color: black; |
|  | } |
|  |  |
|  | [data-board-size="9"].sudoku-board .sudoku-board-cell:nth-of-type(n):nth-of-type(-n+9) { |
|  | border-top-width: 2px; |
|  | border-top-color: black; |
|  | } |
|  |  |
|  | [data-board-size="9"].sudoku-board .sudoku-board-cell:nth-of-type(3n) { |
|  | border-right-width: 2px; |
|  | border-right-color: black; |
|  | } |
|  |  |
|  | [data-board-size="9"].sudoku-board .sudoku-board-cell:nth-of-type(n+19):nth-of-type(-n+27), |
|  | [data-board-size="9"].sudoku-board .sudoku-board-cell:nth-of-type(n+46):nth-of-type(-n+54), |
|  | [data-board-size="9"].sudoku-board .sudoku-board-cell:nth-of-type(n+73):nth-of-type(-n+81) { |
|  | border-bottom-width: 2px; |
|  | border-bottom-color: black; |
|  | } |
|  |  |
|  | .sudoku-board-cell input { |
|  | background: none; |
|  | font-size: 19.2px; |
|  | font-size: 1.2rem; |
|  | text-align: center; |
|  | width: 2em; |
|  | max-width: 100%; |
|  | height: 2em; |
|  | border: 0; |
|  | position: relative; |
|  | z-index: 1; |
|  | } |
|  |  |
|  | .sudoku-board-cell .highlight-val { |
|  | color: blue; |
|  | } |
|  |  |
|  | .sudoku-board-cell .board-cell--error { |
|  | background: red; |
|  | color: white; |
|  | } |
|  |  |
|  | .sudoku-board-cell .candidates { |
|  | display: none; |
|  | position: absolute; |
|  | top: 0; bottom: 0; left: 0; right: 0; |
|  | text-align: center; |
|  | font-size: .75em; |
|  | letter-spacing: -.5px; |
|  | font-family: monospace, sans-serif; |
|  | line-height: 0; |
|  | text-align: justify; |
|  | } |
|  |  |
|  | .sudoku-board .candidates:after { |
|  | content: ""; |
|  | display: inline-block; |
|  | width: 100%; |
|  | } |
|  |  |
|  | @media(max-width: 23em){ |
|  | .sudoku-board .candidates { |
|  | letter-spacing: -2px; |
|  | } |
|  | } |
|  | .showCandidates .candidates { |
|  | display: block; |
|  | } |
|  |  |
|  | .sudoku-board .candidates div { |
|  | display: inline-block; |
|  | width: 20%; |
|  | line-height: 1.13; |
|  | vertical-align: top; |
|  | \*display: inline; |
|  | \*zoom: 1; |
|  | } |
|  |  |
|  | .sudokubutton1,.sudokubutton2,.sudokubutton3,.sudokubutton4, |
|  | .sudokubutton5,.sudokubutton6,.sudokubutton7 { |
|  | color: white; |
|  | -webkit-transition-duration: 0.3s; |
|  | transition-duration: 0.3s; |
|  | padding: 1px 6px; |
|  | } |
|  | .sudokubutton1 { |
|  | background-color: #3cbf71; |
|  | } |
|  | .sudokubutton2 { |
|  | background-color: #ff9224; |
|  | } |
|  | .sudokubutton3 { |
|  | background-color: #ff3c3c; |
|  | } |
|  | .sudokubutton4 { |
|  | background-color: #020202; |
|  | } |
|  | .sudokubutton5,.sudokubutton6 { |
|  | background-color: #4040ff; |
|  | } |
|  | .sudokubutton7 { |
|  | background-color: #899db6; |
|  | } |
|  | .sudokubutton1:hover,.sudokubutton2:hover,.sudokubutton3:hover,.sudokubutton4:hover, |
|  | .sudokubutton5:hover,.sudokubutton6:hover,.sudokubutton7:hover { |
|  | background-color: #EDEDED; |
|  | color: black; |
|  | cursor: pointer; |
|  | } |
|  |  |
|  | \* { |
|  | margin:0; padding:0; |
|  | -moz-box-sizing: border-box; |
|  | -webkit-box-sizing: border-box; |
|  | box-sizing: border-box; |
|  | } |
|  |  |
|  | .wrap { |
|  | padding: 2em 1em; |
|  | width: 400px; |
|  | max-width: 100%; |
|  | margin-left: auto; |
|  | margin-right: auto; |
|  | } |
|  |  |
|  | @media(min-width: 30em) { |
|  | .wrap { |
|  | width: 490px; |
|  | } |
|  | .sudoku-board input { |
|  | font-size: 24px; |
|  | font-size: 1.5rem; |
|  | } |
|  | .sudoku-board .candidates { |
|  | font-size: .8em; |
|  | } |
|  | } |
|  | </style> |
|  | <script src="https://code.jquery.com/jquery-2.1.0.min.js"></script> |
|  | <script src="https://mczak.com/code/sudoku/js/sudoku2.js"></script> |
|  | </head> |
|  |  |
|  | <body> |
|  |  |
|  | <div class="wrap"> |
|  |  |
|  | <!--show candidates toggle--> |
|  | <label for="toggleCandidates">Show candidates </label> |
|  | <input id="toggleCandidates" class="js-candidate-toggle" type="checkbox"/> |
|  | <!--generate board buttons--> |
|  | New: |
|  | <button type="button" class="sudokubutton1 js-generate-board-btn--easy">Easy</button> |
|  | <button type="button" class="sudokubutton2 js-generate-board-btn--medium">Medium</button> |
|  | <button type="button" class="sudokubutton3 js-generate-board-btn--hard">Hard</button> |
|  | <button type="button" class="sudokubutton4 js-generate-board-btn--very-hard">Very Hard</button> |
|  |  |
|  | <!--the only required html--> |
|  | <div id="sudoku" class="sudoku-board"> |
|  | </div> |
|  |  |
|  | <!--solve buttons--> |
|  | Solve: <button type="button" class="sudokubutton5 js-solve-step-btn">One Step</button> |
|  | <button type="button" class="sudokubutton6 js-solve-all-btn">All</button> |
|  | <br> |
|  | <!--clear board btn--> |
|  | Clear: <button type="button" class="sudokubutton7 js-clear-board-btn">Board</button> |
|  | </div> |
|  |  |
|  | <script> |
|  | var $candidateToggle = $(".js-candidate-toggle"), |
|  | $generateBoardBtnEasy = $(".js-generate-board-btn--easy"), |
|  | $generateBoardBtnMedium = $(".js-generate-board-btn--medium"), |
|  | $generateBoardBtnHard = $(".js-generate-board-btn--hard"), |
|  | $generateBoardBtnVeryHard = $(".js-generate-board-btn--very-hard"), |
|  |  |
|  | $solveStepBtn = $(".js-solve-step-btn"), |
|  | $solveAllBtn = $(".js-solve-all-btn"), |
|  | $clearBoardBtn = $(".js-clear-board-btn"), |
|  |  |
|  | mySudokuJS = $("#sudoku").sudokuJS({ |
|  | difficulty: "very hard" |
|  | ,candidateShowToggleFn : function(showing){ |
|  | $candidateToggle.prop("checked", showing); |
|  | } |
|  | }); |
|  |  |
|  | $solveStepBtn.on("click", mySudokuJS.solveStep); |
|  | $solveAllBtn.on("click", mySudokuJS.solveAll); |
|  | $clearBoardBtn.on("click", mySudokuJS.clearBoard); |
|  |  |
|  | $generateBoardBtnEasy.on("click", function(){ |
|  | mySudokuJS.generateBoard("easy"); |
|  | }); |
|  | $generateBoardBtnMedium.on("click", function(){ |
|  | mySudokuJS.generateBoard("medium"); |
|  | }); |
|  | $generateBoardBtnHard.on("click", function(){ |
|  | mySudokuJS.generateBoard("hard"); |
|  | }); |
|  | $generateBoardBtnVeryHard.on("click", function(){ |
|  | mySudokuJS.generateBoard("very hard"); |
|  | }); |
|  |  |
|  | $candidateToggle.on("change", function(){ |
|  | if($candidateToggle.is(":checked")) |
|  | mySudokuJS.showCandidates(); |
|  | else |
|  | mySudokuJS.hideCandidates(); |
|  | }); |
|  | $candidateToggle.trigger("change"); |
|  | </script> |
|  | </body> |