

■ 테이블(table) 태그

태그	설명
table	표 삽입
tr	표에 행 <table>row 삽입</table>
th	표의 제목 셀 <table>heading 생성</table>
td	표의 일반 셀 <table>data 생성</table>

▶ 2주차-테이블.html

```

1  <table border="1">
2      <tr>
3          <th>태그</th>
4          <th>설명</th>
5      </tr>
6      <tr>
7          <td>table</td>
8          <td>표 삽입</td>
9      </tr>
10     <tr>
11         <td>tr</td>
12         <td>표에 행<small>table row</small> 삽입</td>
13     </tr>
14     <tr>
15         <td>th</td>
16         <td>표의 제목 셀<small>table heading</small> 생성</td>
17     </tr>
18     <tr>
19         <td>td</td>
20         <td>표의 일반 셀<small>table data</small> 생성</td>
21     </tr>
22 </table>

```

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table	표 삽입
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td	표의 일반 셀 <table>data 생성</table>

● [예제] 계산기 만들기

7	8	9	÷
4	5	6	×
1	2	3	-
0	.	=	+

■ 테이블(table) 태그의 속성

태그	속성	설명
table	border	표의 테두리 두께 지정
th, td	colspan	셀의 너비 지정
	rowspan	셀의 높이 지정

▶ 2주차-테이블속성.html

```

1  <table border="1">
2      <tr>
3          <td>7</td>
4          <td>8</td>
5          <td>9</td>
6      </tr>
7      <tr>
8          <td>4</td>
9          <td>5</td>
10         <td>6</td>
11     </tr>
12     <tr>
13         <td>1</td>
14         <td>2</td>
15         <td>3</td>
16     </tr>
17 </table>

```

7	8	9
4	5	6
1	2	3

```

21 <!-- colspan -->
22 <table border="1">
23   <tr>
24     <td>7</td>
25     <td colspan="2">8 9</td>
26     <!-- <td>9</td> -->
27   </tr>
28   <tr>
29     <td>4</td>
30     <td>5</td>
31     <td>6</td>
32   </tr>
33   <tr>
34     <td>1</td>
35     <td>2</td>
36     <td>3</td>
37   </tr>
38 </table>

```

7	8	9
4	5	6
1	2	3

```

42 <!-- rowspan -->
43 <table border="1">
44   <tr>
45     <td>7</td>
46     <td colspan="2">8 9</td>
47     <!-- <td>9</td> -->
48   </tr>
49   <tr>
50     <td rowspan="2">4<br>1</td>
51     <td>5</td>
52     <td>6</td>
53   </tr>
54   <tr>
55     <!-- <td>1</td> -->
56     <td>2</td>
57     <td>3</td>
58   </tr>
59 </table>

```

7	8	9
4	5	6
1	2	3

● [예제] 계산기 만들기 2

789÷

456×

123-

0.=+

★ [과제] 본인 시간표 만들기

	월	화	수	목	금
0교시					
1교시					
2교시					
3교시	프로그래밍호환	이미지분석	프로그래밍호환	이미지분석	
4교시					
5교시					
6교시		SQL	Python기초	SQL	
7교시					
8교시	Python기초				

■ 미디어 태그

- 이미지, 오디오, 비디오등 미디어 추가

태그	속성	설명
img 태그	src	이미지의 경로 지정
	alt	이미지가 없을 때 나오는 글자 지정
	width	이미지의 너비 지정
	height	이미지의 높이 지정
audio, video 태그	src	음악, 비디오 파일의 경로 지정
	preload	음악, 비디오를 준비 중일 때 데이터를 모두 불러올지 여부 지정
	autoplay	음악, 비디오의 자동 재생 여부 지정
	loop	음악, 비디오의 반복 여부 지정
	controls	음악, 비디오 재생 도구 출력 여부 지정
video 태그	width	비디오의 너비 지정
	height	비디오의 높이 지정

■ 이미지(img) 추가

▶ 2주차-이미지.html

```

1  <body>
2    
3
4    <br><br>
5
6    
7
8    <br><br>
9
10   
11 </body>

```





■ 오디오(audio) 추가

▶ 2주차-오디오.html

```

1  <body>
2      <audio src="Numb - Linkin Park.mp3" controls></audio>
3
4      <br><br>
5
6      <audio controls autoplay>
7          <source src="Numb - Linkin Park.mp3" type="audio/mp3">
8      </audio>
9  </body>

```

Formats supported by different web browsers

Format	Container	MIME type	Chrome	Internet Explorer	Edge	Firefox	Opera	Safari
PCM	WAV	audio/wav	Yes	No	Yes	Yes, in v3.5	Yes, in v11.00	Yes, in v3.1
MP3	MP3	audio/mpeg	Yes ^[12]	Yes, in IE9	Yes	Yes, in v71 ^[14]	Yes ^[13]	Yes, in v3.1
	MP4	audio/mp4	Yes	Yes, in IE9	Yes	From OS ^[4]	Yes	Yes
AAC		audio/aac	Yes	No	Yes	From OS ^[4] in v45.0	Yes	Yes
		audio/aacp	Yes	No	Yes	From OS ^[4] in v45.0	Yes	Yes
Vorbis	Ogg	audio/ogg	Yes, in v9	No	In v79 ^[16] In v17, with Web Media Extensions ^[17]	Yes, in v3.5	Yes, in v10.50	With Xiph QuickTime Components (macOS 10.11 and earlier)
	WebM	audio/webm	Yes	No	In v79 ^[16] In v17, with Web Media Extensions ^[17]	Yes, in v4.0	Yes, in v10.60	No
Opus	Ogg	audio/ogg	Yes, in v25 (in v31 for Windows)	No	In v79 ^[16] In v17, with Web Media Extensions ^[17]	Yes, in v15.0	Yes, in v14	No
	WebM	audio/webm	Yes	No	In v79 ^[16] In v17, with Web Media Extensions ^[17]	Yes, in v28.0 ^[18]	Yes	No
	CAF	audio/x-caf	No	No	No	No	No	Yes, in Safari 11 and macOS High Sierra
FLAC	FLAC	audio/flac	Yes, in v56 ^[20]	No	Yes, in v16 ^[21]	Yes, in v51 ^[22]	Yes	Yes, in v11 ^[22]
	Ogg	audio/ogg	Yes, in v56 ^[20]	No	In v79 ^[24] In v17, with Web Media Extensions ^[17]	Yes, in v51 ^[22]	Yes	No

■ 비디오(video) 추가

```
1 <body>
2   <video src="Numb - Linkin Park.mp4" controls></video>
3   <br>
4   <video controls poster="Numb - Linkin Park.png" width="640">
5     <source src="Numb - Linkin Park.mp4" type="video/mp4">
6   </video>
7   <br>
8   <video src="Numb - Linkin Park.mp4" controls autoplay muted loop></video>
9 </body>
```



Status of video format support in each web browser							
Browser	Operating System	Theora (Ogg)	H.264 (MP4)	HEVC (MP4)	VP8 (WebM)	VP9 (WebM)	AV1 (WebM)
Android browser	Android	Since 2.3 ^[27]	Since 3.0 ^[27]	Since 5.0 ^[27]	Since 2.3 ^[27]	Since 4.4 ^[27]	Since 10
Chromium	Unix-like and Windows	Since r18297 ^[46]	Via FFmpeg ^{[47][48]}	No ^[51]	Since r47759 ^[47]	Since r172738 ^[48]	Yes
Google Chrome	Unix-like, Android, macOS, and Windows	Since 3.0 ^{[54][38]}	Since 3.0 ^{[52][54]}	No ^[37]	Since 6.0 ^{[54][38]}	Since 29.0 ^[51]	Since 70 ^[52]
Internet Explorer	Windows	Via OpenCodecs	Since 9.0 ^[55]	No ^[37]	Via OpenCodecs	No	No
	Windows Phone	No	Since 9.0 ^[54]				
	Windows RT	No	Since 10.0 ^[54]				
Microsoft Edge	Unix-like, macOS and Windows (Chromium)	Since v79 ^{[53][56]}	Since v79 (only browser to support DRM PlayReady) ^{[52][37]}	No ^[37]	Since v79 ^{[53][56]}	Since v79 ^{[53][56]}	Since v79 ^[53]
	Windows 10 (Legacy EdgeHTML)	Since 17.0 (with Web Media Extensions ^{[27][49][70][71]})	Since 12.0 ^[72]	Needs hardware decoder ^[5]	Since 17.0 (supports <video> tag with Web Media Extensions ^[27] and VP9 Video Extensions ^{[27][50]})	Only enabled by default if hardware decoder present ^[73] Since 17.0 (supports <video> tag with Web Media Extensions ^[27] and VP9 Video Extensions ^{[27][50][70][71]})	Since 18.0 (with AV1 Video Extensions ^{[27][74]})
	Windows 10 Mobile	No	Since 13.0 ^[77]		Since 15.0 (only via MSE) ^[78]	Since 14.0 (only via MSE) ^[78]	No
Konqueror	Unix-like and Windows	Needs OS-level codecs ^[4]					
Mozilla Firefox	Windows 7+	Since 3.5 ^[80]	Since 21.0 ^[81]	No ^[37]	Since 4.0 ^{[82][84]}	Since 28.0 ^{[83][86]}	Since 65.0 ^[87]
	Windows Vista		Since 22.0 ^[88]				Since 67 in Nightly
	Windows XP and N editions		Since 46.0 ^[89]				
	Linux		26.0 (via GStreamer) ^[91] 43.0 (via FFmpeg) ^[92]				
	Android		Since 17.0 ^[93]				
	macOS		Since 34.0 ^[94]				No
Opera Mobile	Android, iOS, Symbian, and Windows Mobile	Since 13.0	Since 11.50	No ^[96]	Since 15.0	Since 16.0	since 57.0 ^[92]
Opera	macOS, Windows, Linux	Since 10.50 ^[97]	Since 24.0 ^[98]		Since 10.60 ^{[99][100]}	Yes	since 57.0 ^[92]
Safari	iOS	No	Since 3.1 ^[101]	Since 11 ^[102]	Since 12.1 (only supports WebRTC) ^[103]	Since 14 (only supports WebRTC) ^[104]	No
	macOS	Via Xiph QuickTime Components (macOS 10.11 and earlier)					
GNOME Web	Linux and BSD	Needs OS-level codecs ^[6]					

※ 참고

- IT CookBook, HTML5 웹 프로그래밍 입문(3판)
- Wikipedia - HTML5 audio
- Wikipedia - HTML5 video