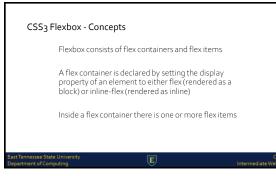




Flexible boxes, or flexbox, is a new layout mode in CSS₃ Use of flexbox ensures that elements behave predictably when the page layout must accommodate different screen sizes and different display devices

For many applications, the flexible box model provides an improvement over the block model in that it does not use floats, nor do the flex container's margins collapse with the margins of its contents



CSS₃ Flexbox - Concepts

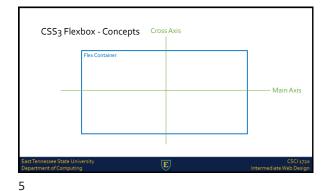
Note: Everything outside a flex container and inside a flex item is rendered as usual

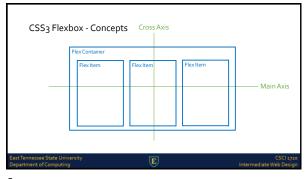
Flexbox defines how flex items are laid out inside a flex container

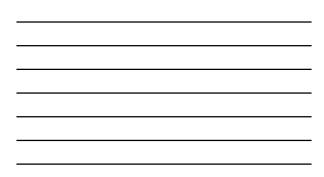
Flex items are positioned inside a flex container along a flex line $% \left(f_{\mathrm{ex}}^{\mathrm{ex}}\right) =0$

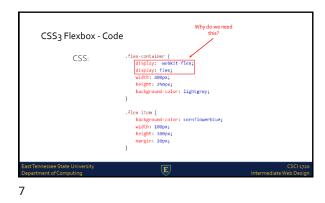
By default there is only one flex line per flex container

4

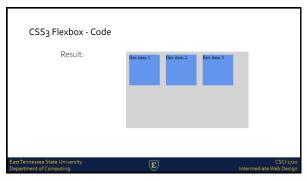






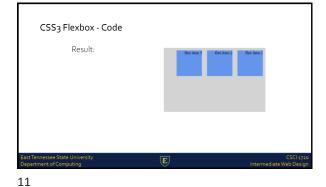


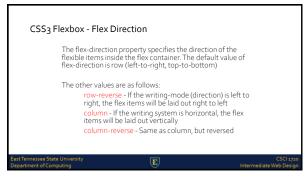


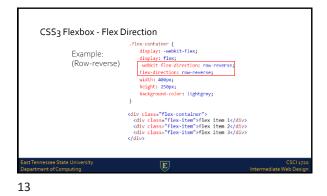


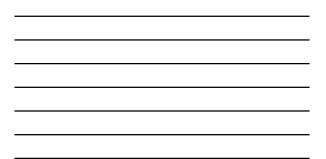


CSS3 Flexbox - Code It is also possible to the direction of the If we set the directi property to rtl (righ the text is drawn ri and also the flex lin direction, which wi	ochange iflexline on it-to-left), bit to left, bit to	<pre>(rection: rtl; rection: rtl; isplay: -=webkt-flex; isplay: flex; idth: 400x; ight: 200x; idth: 400x; ight: 200x; item { keground-color: lightgrey; item { item { idth: 400x; ightgrey; idth: 400x; idth: 400x;</pre>
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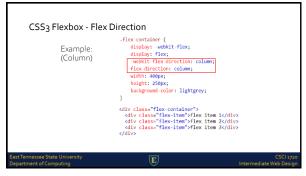






CSS3 Flexbox - Flex Direction Example:

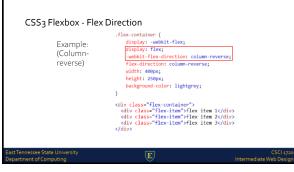






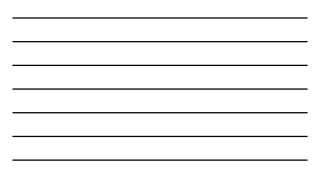
CSS ₃ Flexbox - Fle	x Direction	
Example:	flex item 1 flex item 2 flex item 3	
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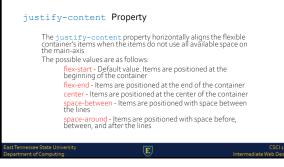


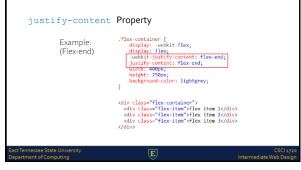
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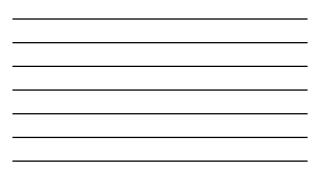


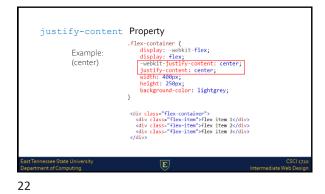
18

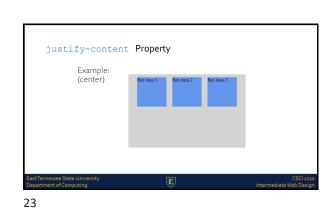








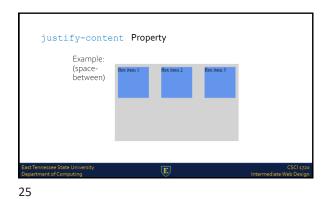




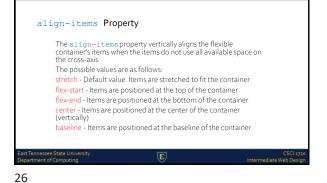
























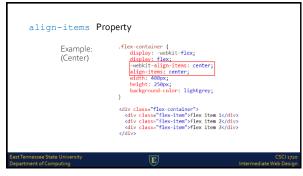










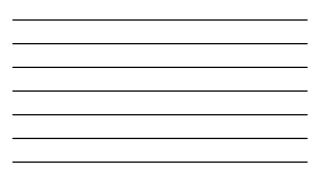




align-items Example:	Property			
(Center)	flex item 1	flex item 2	flex item 3	
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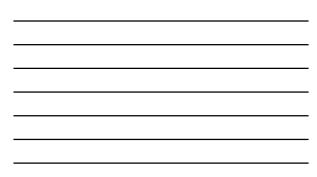


flex-wrap Property	
The flex-wrap property specifies whether the flex wrap or not, if there is not enough room for them line	
The possible values are as follows: nowrap - Default value. The flexible items v wrap - The flexible items will wrap if necess wrap-reverse - The flexible items will wrap, in reverse order	sary
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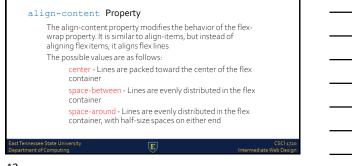






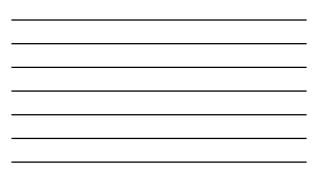












align-content	Property	
Example: (Flex-end)	<pre>.flex-continer disp::webkitflex; webkitflex:men; webkitflex:men; webkitflex:men; align-content:flex-end; align-content:flex-end; width:300x; height:300x; bacground-color:lightgrey; } div class="flex-tem">flex item 1class="flex-tem">flex item 1cliv class="flex-tem">flex item 2cliv class="flex-tem">flex item 3cliv class="flex-tem">flex item</pre>	<i>I</i> >
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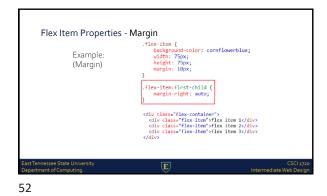


Flex Item Properties -	.flex-item {
Example: (Ordering)	<pre>background-color: conflowerblue; width: 100px; height: 100px; margin: 10px; }</pre>
	.first { -webkit-order: -1; order: -1;
	<pre>cdiv class="flex-container"></pre>
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Flex Item Properties - Margin Example: (Margin) Exit Tennessee State University Copartment of Computing ES3



Flex Item Properties - Perfect Centering	9
Setting margin: auto; will make centered in both axis	e the item perfectly
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Flex Item Properties	- Margin	
Example: (Margin)	<pre>.flex-item { background-color: cornflowerblue; width: 75px; height: 75px; margin: auto; } div class="flex-container"> cdiv class="flex-conta</pre>	/div>
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Flex Item Properties - Align Self	<pre>.flex-item { background-color: corrflowerblue; width: 60p; min-height: 100p; amrgin: 10p; }</pre>
Example: (Align self)	<pre>item! (</pre>
<pre>div class"The contine", div class"The its lten"ythe start/div div class"The its is not "its end/div div class"The its is not "its end/div div class"the its inten"statise/div div class"the its its "statise/div div class"the its its" statist/div div</pre>	.tent(inter)
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Flex Item Properties - Flex Example: (Flex)	<pre>.flswitem { sedgewond-color: correlementale; angle: lbsg; lengit: lbsg; lengit: flaw: 2; lengit: flaw: 2; lengit: flaw: 1; lengit: flaw: 1;</pre>
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Flex Item Properties - Flex Example: (Flex)

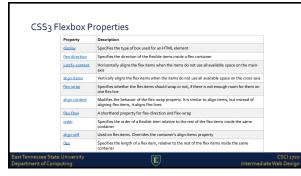
Rewitten 1

Rewitten 2

Rewitten 3

Rewitte





Sources		
https://www.w3schools.	.com/css/css3_flexbox.asp	
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