

CSS 03

Podstawy flexbox

1. Co to jest

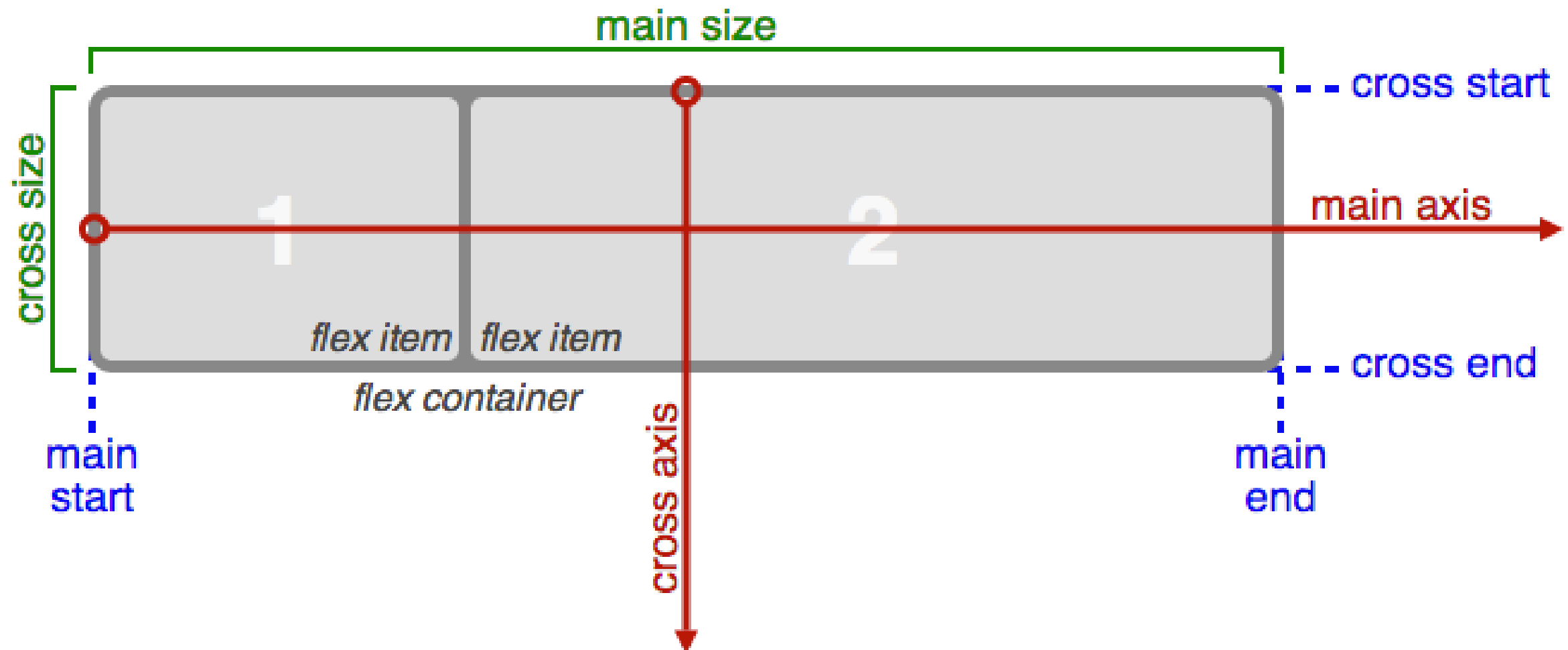
Sposób budowania layoutu na siatce, który umożliwia łatwą adaptację w zależności od rozdzielczości wyświetlania.

Flexbox pozwala dynamicznie zmieniać wysokość(!), szerokość, a nawet układ elementów.

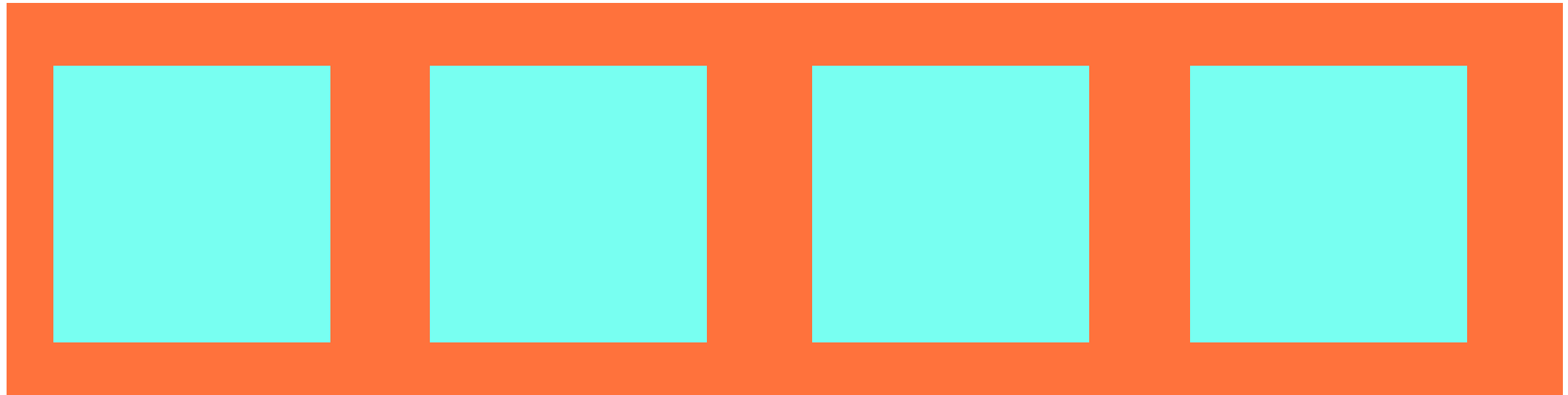
2. Wsparcie

Flexible Box Layout Module 📄 - CR									
Method of positioning elements in horizontal or vertical stacks. Support includes the support for the all properties prefixed with <code>flex</code> as well as <code>display: flex</code> , <code>display: inline-flex</code> , <code>align-content</code> , <code>align-items</code> , <code>align-self</code> , <code>justify-content</code> and <code>order</code> .									
Current aligned Usage relative Date relative Show all									
IE	Edge *	Firefox	Chrome	Safari	Opera	iOS Safari *	Opera Mini *	Android Browser *	Chrome for Android
			49						
			51						
			52					4.4	
			53	9.1		9.3		4.4.4	
⁴ 11	14	49	54	10	41	10	all	53	53
		50	55	TP	42				
		51	56		43				
		52	57						
Notes	Known issues (9)	Resources (12)	Feedback						
Most partial support refers to supporting an older version of the specification or an older syntax .									
⁴ Partial support is due to large amount of bugs present (see known issues)									

3. Jak to działa

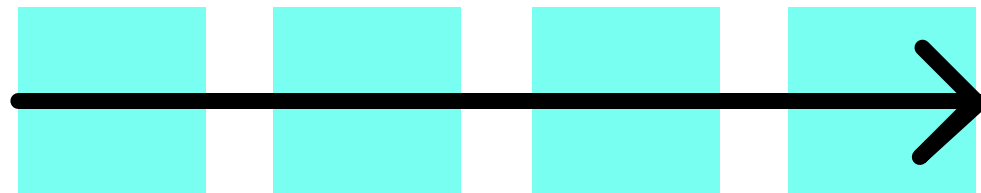


```
parent-element {  
  display: flex;  
  //display: inline-flex;  
}
```

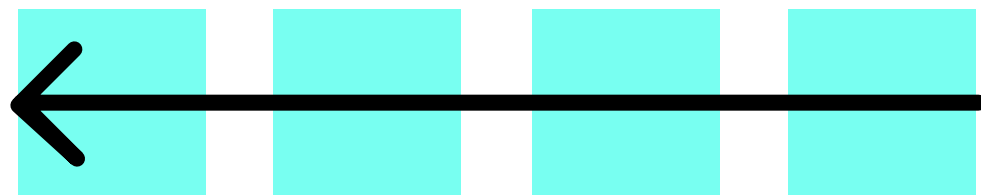


```
parent-element {  
  flex-direction:
```

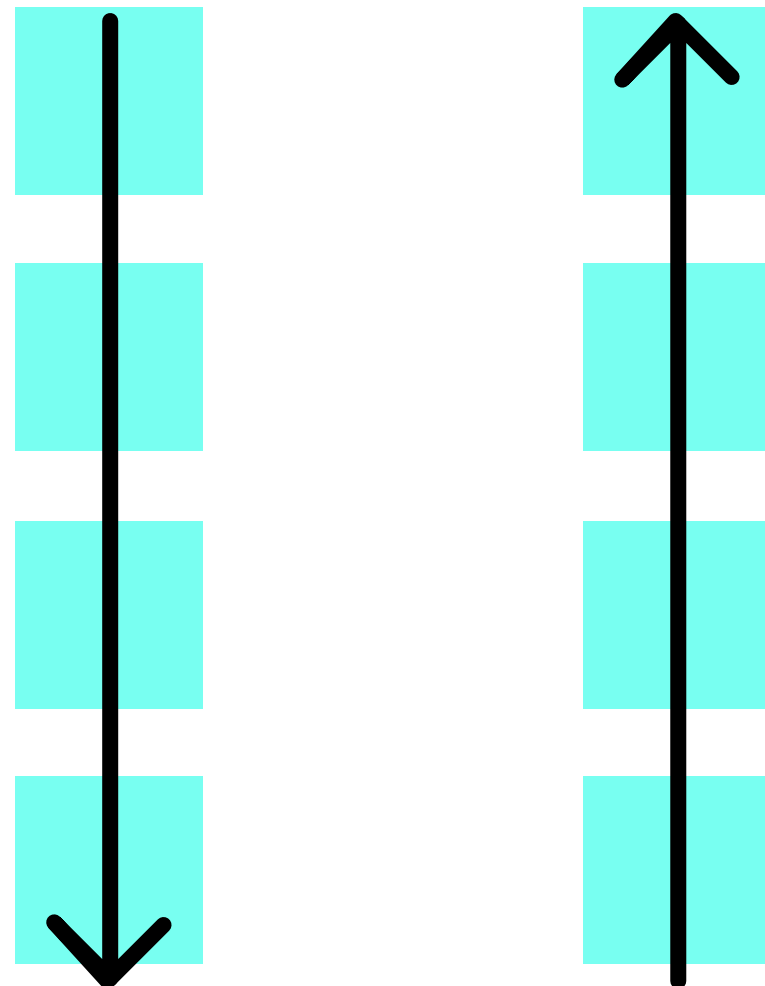
row



row-reverse

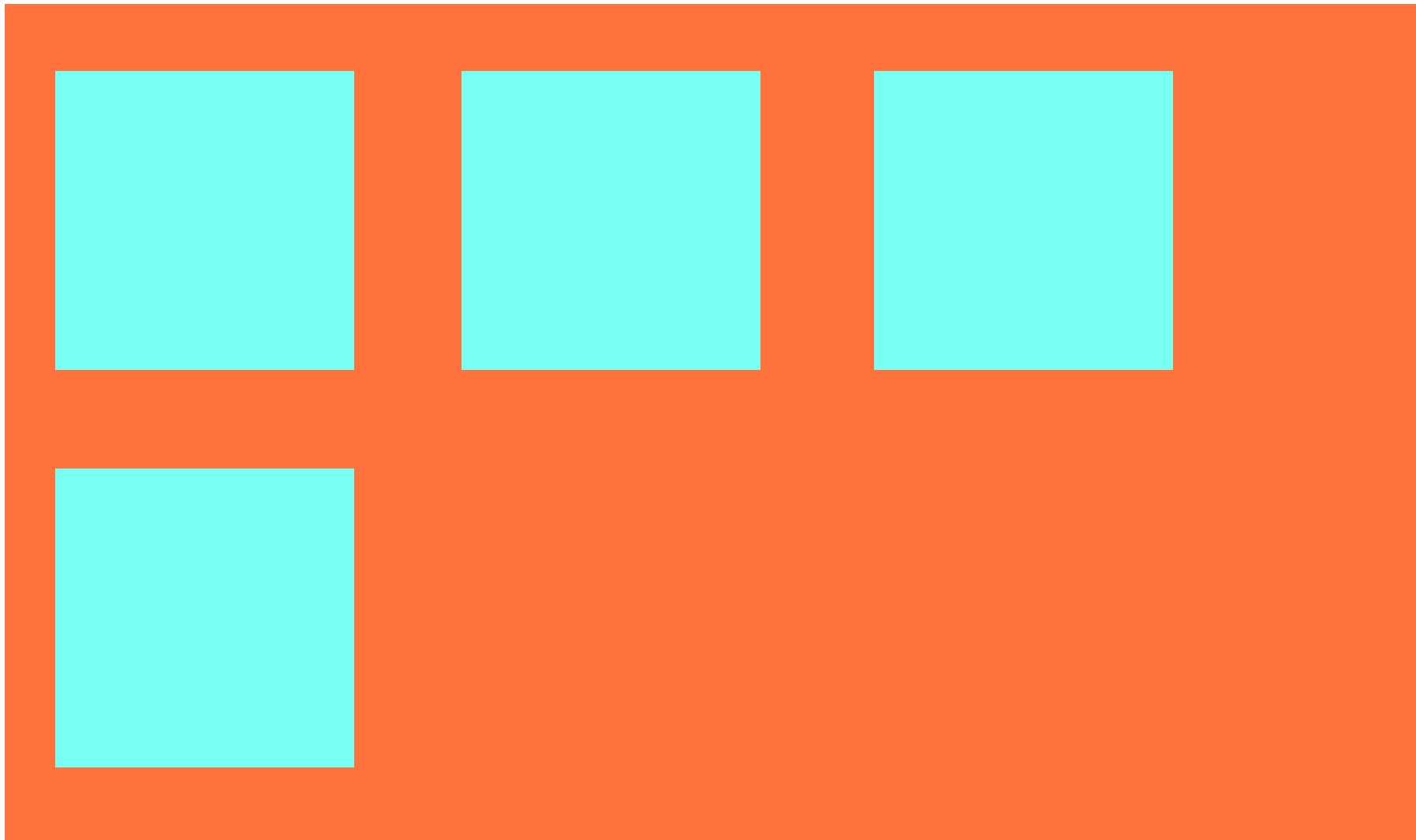


column

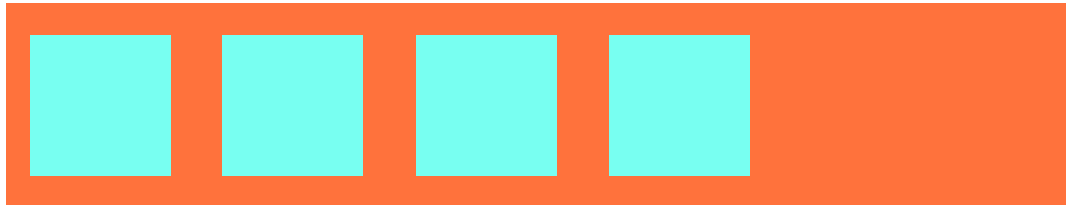


column-reverse

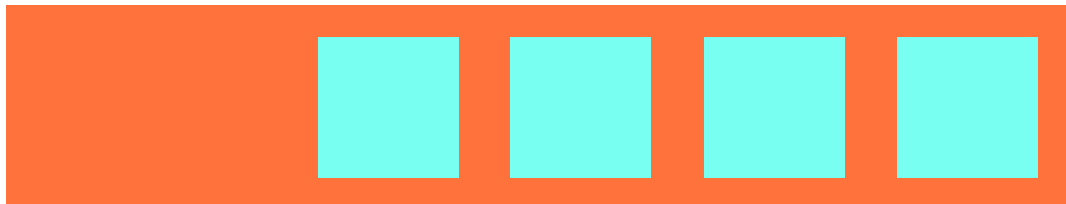
```
parent-element {  
  flex-wrap: wrap|no-wrap|  
            wrap-reverse;  
}
```



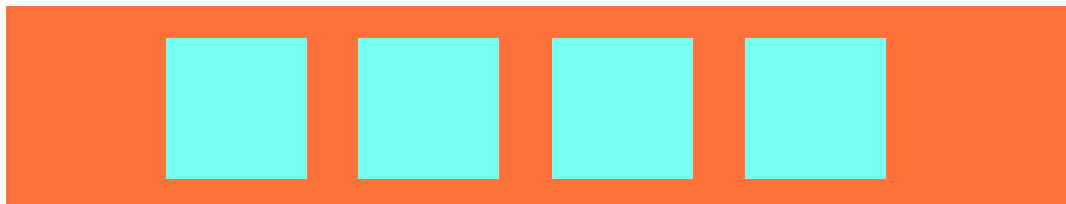
```
parent-element {  
  justify-content:
```



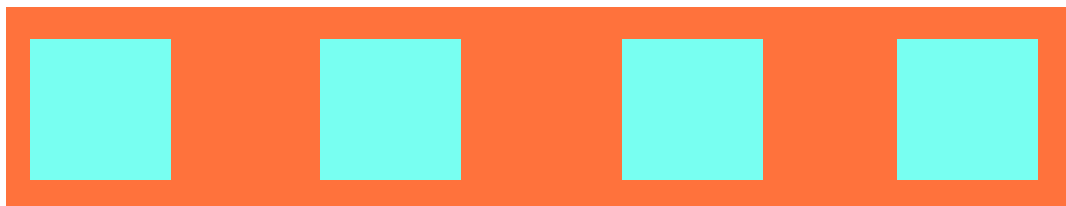
```
flex-start;
```



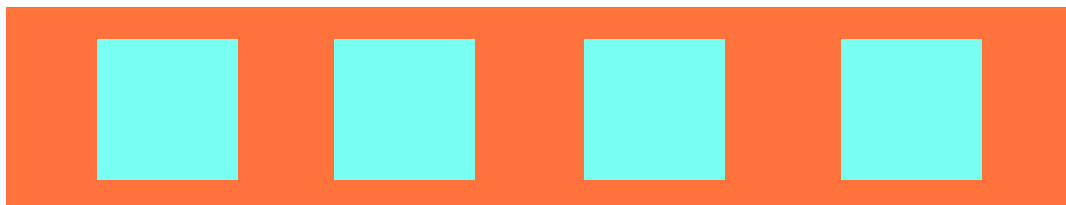
```
flex-end;
```



```
center;
```



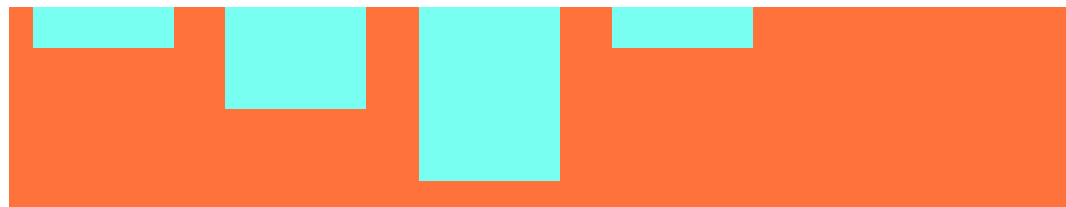
```
space-between;
```



```
space-around;
```



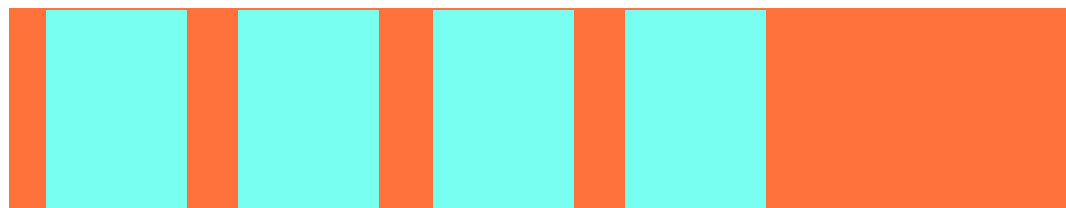
```
parent-element {  
  align-items:
```



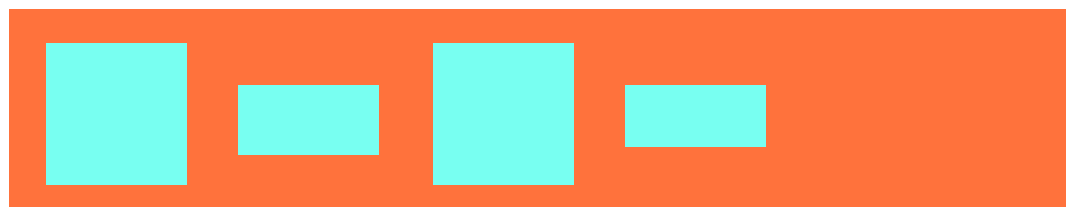
`flex-start;`



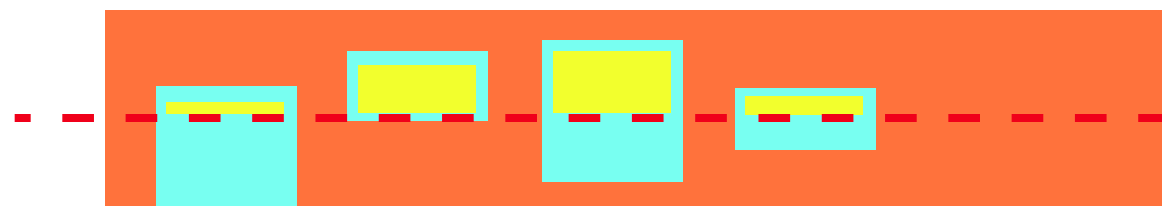
`flex-end;`



`stretch;`

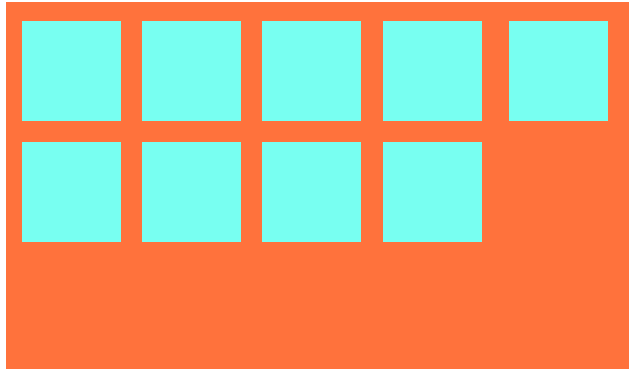


`center;`

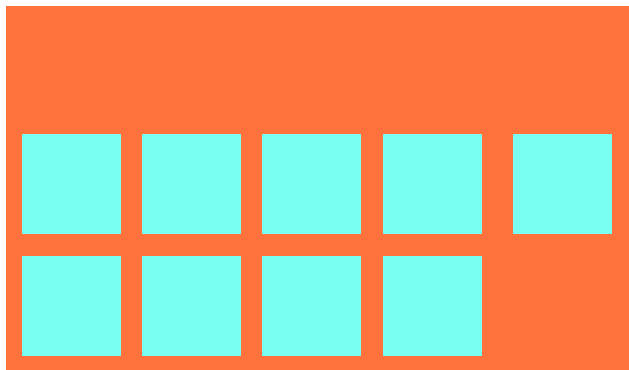


`baseline;`

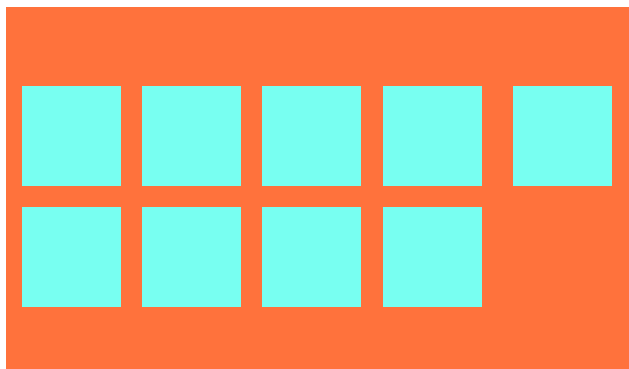
parent-element {
align-content:



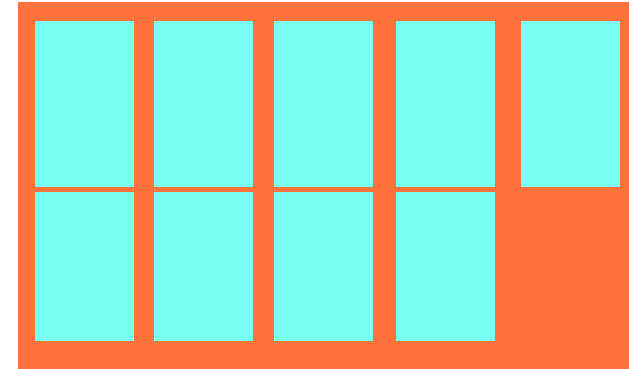
flex-start;



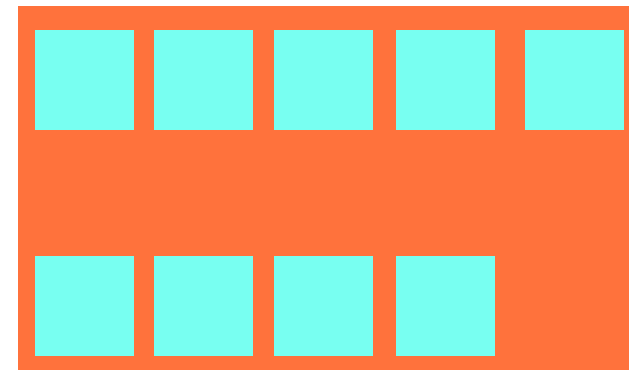
flex-end;



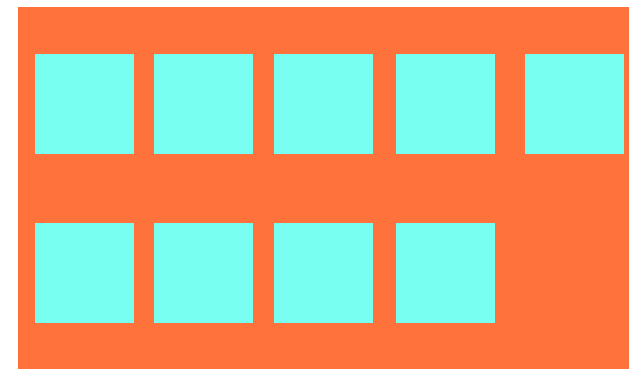
center;



stretch;

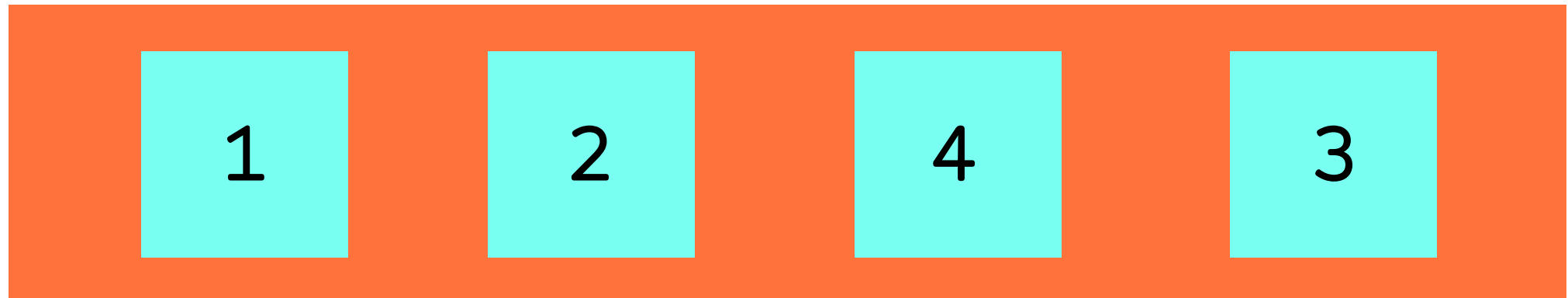


space-between;

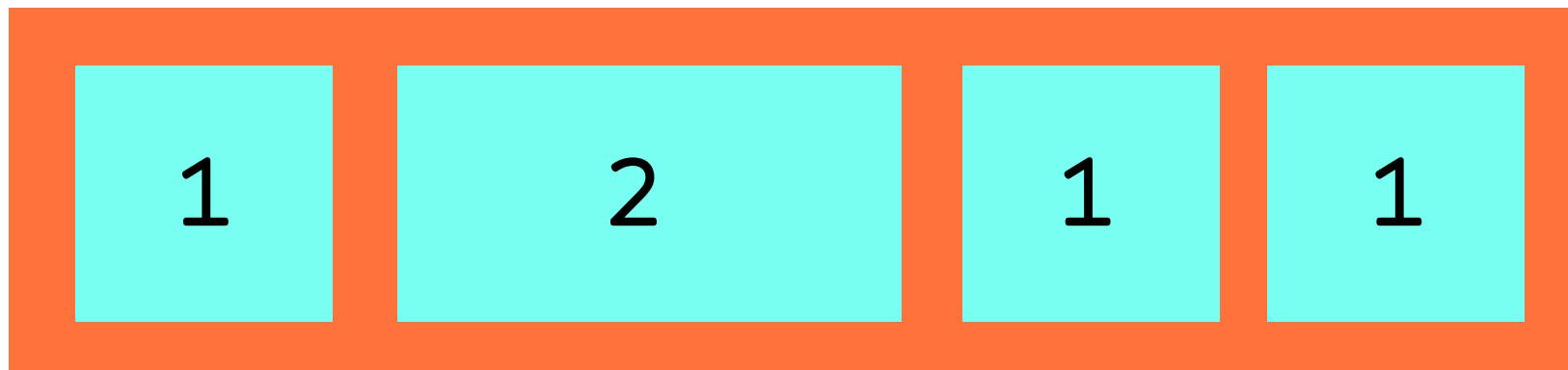


space-around;

```
.child-element{  
  order: <number>
```



```
.child-element{  
  flex-grow: number;  
  flex-shrink: number;
```



```
.child-element{  
  flex-basis: <width> | auto;
```