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CSS Rule of Precedence

* An HTML element may be the subject of the selectors of multiple style rules
* When such rules target different properties, their aspects cascade (i.e. are combined)
* When the styles involve the same property, they conflict, and must be resolved such that only one style is applied.

Resolutions:

* By Origin and Importance
* By Specificity – examines the type of selectors
* By Order

By Origin and Importance

* The origin of a declaration is based on where in comes from and its importance is whether or not it is declared “important” the origins is.

In descending order:

1. Transition Declarations

2. Important User Agent Declarations

3. Important User Declarations

4. Important Override Declarations

5. Important Author Declarations

6. Animation Declarations

7. Normal Override Declarations

8. Normal Author Declarations

9. Normal User Declarations

10. Normal User Agent Declarations

A selector’s specificity is calculated as follows:

* Count the number of ID selector ( = a )
* Count the number of class selectors, attribute selectors, and pseudo-classes in the selector (= b )
* Count the number of selectors and pseudo-elements in the selector ( = c )
* Ignore the universal selector.