Chrome CSS & Render performance

A.	RECALCULATE STYLE	Chrome recalculated element styles.		
	1. Build DOM	- classes	- add child	- attributes
	2. CSS property value			
B.	LAYOUT	A page layout was executed.		
	3. Build rendering tree	- display	- position	- float
	4. Calculate layout	- content (&text)	- padding	- scroll
		- width	- border-width	- offset
		- height	- top/left/right/bottom	- focus
C.	PAINT (color each pixel - BMP - GPU)	Composited layers were painted to a region of the display.		
	5. Paint	- transparency	- text	
		- anti alised	- visibility	
D.	COMPOSITE LAYERS (BMP - GPU- RENDER)	Chrome's rendering engine composited image layers.		
	6. Composite	- opacity	- transform (transform 3D)	

Rendering Events	
Invalidate layout	The page layout was invalidated by a DOM change.
Layout	A page layout was executed.
Recalculate style	Chrome recalculated element styles.
Scroll	The content of nested view was scrolled.

Paingint events	
Composite Layers	Chrome's rendering engine composited image layers.
Image Decode	An image resource was decoded.
Image Resize	An image was resized from its native dimensions.
Paint	Composited layers were painted to a region of the display.

Loading events	Scripting	Rendering	Painting

Inspired by Chelsea Derrick https://developers.google.com/events/io/sessions/324511365
http://www.html5rocks.com/en/tutorials/speed/layers/
http://gent.ilcore.com/2011/03/how-not-to-trigger-layout-in-webkit.html
http://www.phpied.com/rendering-repaint-reflowrelayout-restyle/

Made by B.Georgescu Adrian http://btools.eu/