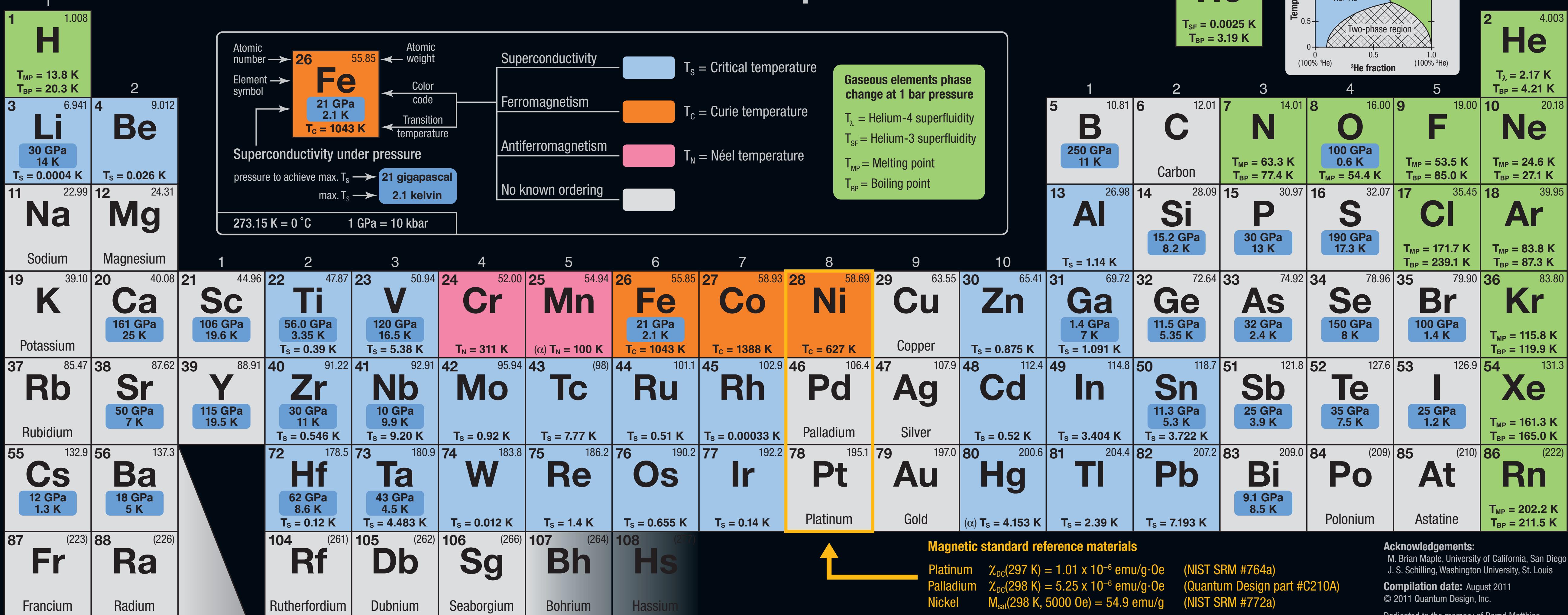


Periodic Table of Elements

Selected Phase Transition Temperatures



Element	Symbol	Atomic Number	Atomic Weight	Melting Point (T_{MP})	Boiling Point (T_{BP})
La	La	57	138.9	15 GPa 13 K	(fcc) T_s = 6.00 K
Ce	Ce	58	140.1	5 GPa 1.7 K	$T_{N\text{-hex}} = 13.7 \text{ K}$
Pr	Pr	59	140.9	$T_{N\text{-hex}} = 0.03 \text{ K}$	
Nd	Nd	60	144.2	$T_{N\text{-hex}} = 19.9 \text{ K}$	$T_{N\text{-cub}} = 7.5 \text{ K}$
Pm	Pm	61	(145)	$T_{N\text{-hex}} = 109 \text{ K}$	$T_{N\text{-cub}} = 14.0 \text{ K}$
Sm	Sm	62	150.4	142 GPa 2.75 K	$T_s = 90.4 \text{ K}$
Eu	Eu	63	152.0	$T_c = 293 \text{ K}$	
Gd	Gd	64	157.3	$T_{N\text{-hex}} = 230 \text{ K}$	$T_c = 220 \text{ K}$
Tb	Tb	65	158.9	$T_{N\text{-hex}} = 180 \text{ K}$	$T_c = 90.5 \text{ K}$
Dy	Dy	66	162.5	$T_{N\text{-hex}} = 132 \text{ K}$	$T_c = 19.5 \text{ K}$
Ho	Ho	67	164.9	$T_{N\text{-hex}} = 85 \text{ K}$	$T_c = 18.7 \text{ K}$
Er	Er	68	167.3	$T_{N\text{-hex}} = 58 \text{ K}$	$T_c = 32 \text{ K}$
Tm	Tm	69	168.9		
Yb	Yb	70	173.0		
Lu	Lu	71	175.0	174 GPa 12.4 K	
Actinium	Ac	89	(227)	$T_s = 1.368 \text{ K}$	
Th	Th	90	232.0	$T_s = 1.4 \text{ K}$	
Pa	Pa	91	231.0	$(\beta) T_s = 0.8 \text{ K}$	
U	U	92	238.0	1.2 GPa 2.4 K	
Neptunium	Np	93	(237)		
Plutonium	Pu	94	(244)		
Am	Am	95	(243)	6 GPa 2.2 K	$T_s = 0.79 \text{ K}$
Cm	Cm	96	(247)	$T_N = 64 \text{ K}$	$T_c = 34 \text{ K}$
Bk	Bk	97	(247)	$T_N = 34 \text{ K}$	$T_c = 51 \text{ K}$
Cf	Cf	98	(251)	$T_c = 51 \text{ K}$	
Einsteinium	Es	99	(252)		
Fermium	Fm	100	(257)		
Mendelevium	Md	101	(258)		
Nobelium	No	102	(259)		
Lawrencium	Lr	103	(262)		

