

Supplementary table 1: Hunter lab color (L*, a* and b*) values of different color flours and chapattis.

Sample	L*	a*	b*	Chroma	Hue
Flour					
WF	84.57±0.28 ^a	1.57±0.05 ^a	11.93 ± 0.17 ^a	12.03 ±0.18 ^a	0.11±0.15 ^a
PF	78.43 ± 0.3 ^b	2.73±0.07 ^b	9.65 ±0.17 ^b	10.03±0.19 ^b	5.71 ± 0.8 ^b
BF	79.7 ± 0.27 ^c	-0.05±0.03 ^c	7.22 ± 0.13 ^c	7.22 ± 0.13 ^c	1.52 ± 1.1 ^c
Bl-F	74.66±0.12 ^d	7.22±0.13 ^d	5.98 ± 0.06 ^d	6.2 ± 0.06 ^d	2.84±0.64 ^d
Chapatti					
WC	63.44 ± 1.4 ^e	4.36 ±0.24 ^d	21.82 ±0.75 ^e	22.26 ± 0.78 ^e	0.07 ±0.04 ^a
PC	58.94 ±0.47 ^f	6.59± 0.09 ^e	17.76± 0.19 ^f	18.94 ± 0.2 ^f	4.41 ±0.57 ^e
BC	56.64± 0.53 ^g	3.99± 0.06 ^f	15.93 ±0.07 ^g	16.42 ±0.06 ^g	0.8 ± 0.24 ^f
Bl-C	42.93 ± 0.2 ^h	6.89 ±0.06 ^g	13.32 ±0.11 ^h	14.99 ±0.13 ^h	0.14 0.02 ^a

WF- white wheat; PF- purple Wheat; BF- blue Wheat, Bl-F- black Wheat, WC- white wheat chapatti; PC- purple Wheat chapatti; BC- blue Wheat chapatti and Bl-C- black Wheat chapatti. All values are expressed as mean ± S.D (n=6). Different letters in the subscripts are significantly different (p<0.05).