G2S (gmem → smem) pipe=1

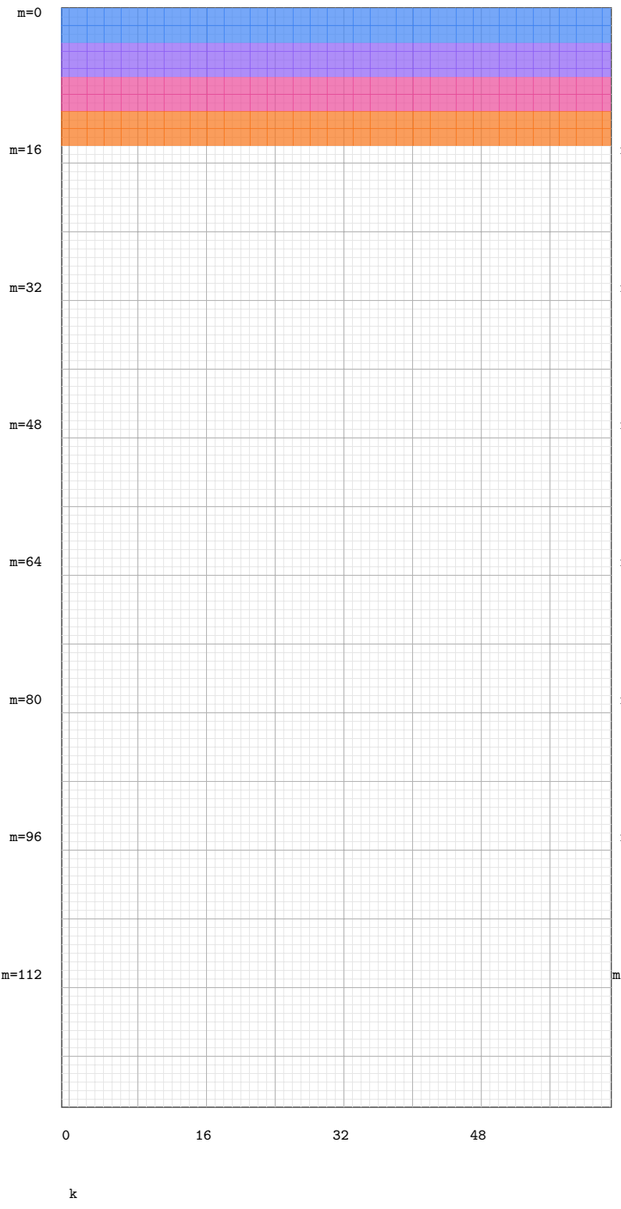
W0 W1 W2 W3

SMEM background = bank id (0..31). Highlights = warp colors.

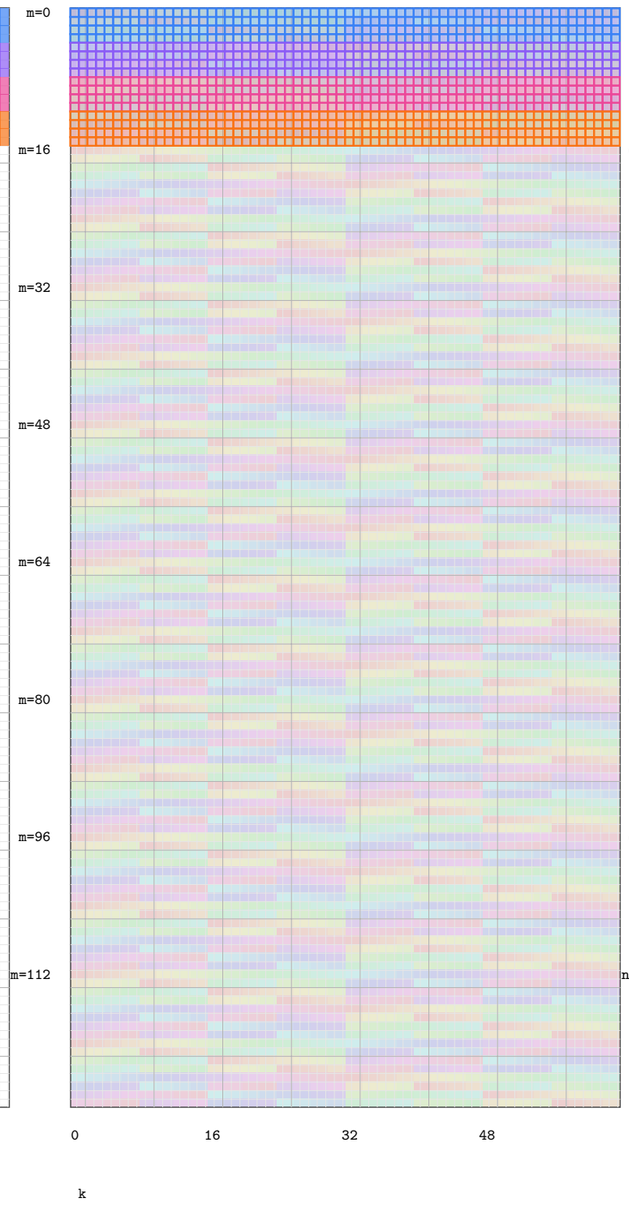
step 0/7 (cm=0, ck=0) (cpy_m=8, cpy_k=1) (V=8 half = 16B) (k_tile=0, pipe=1)

bank: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

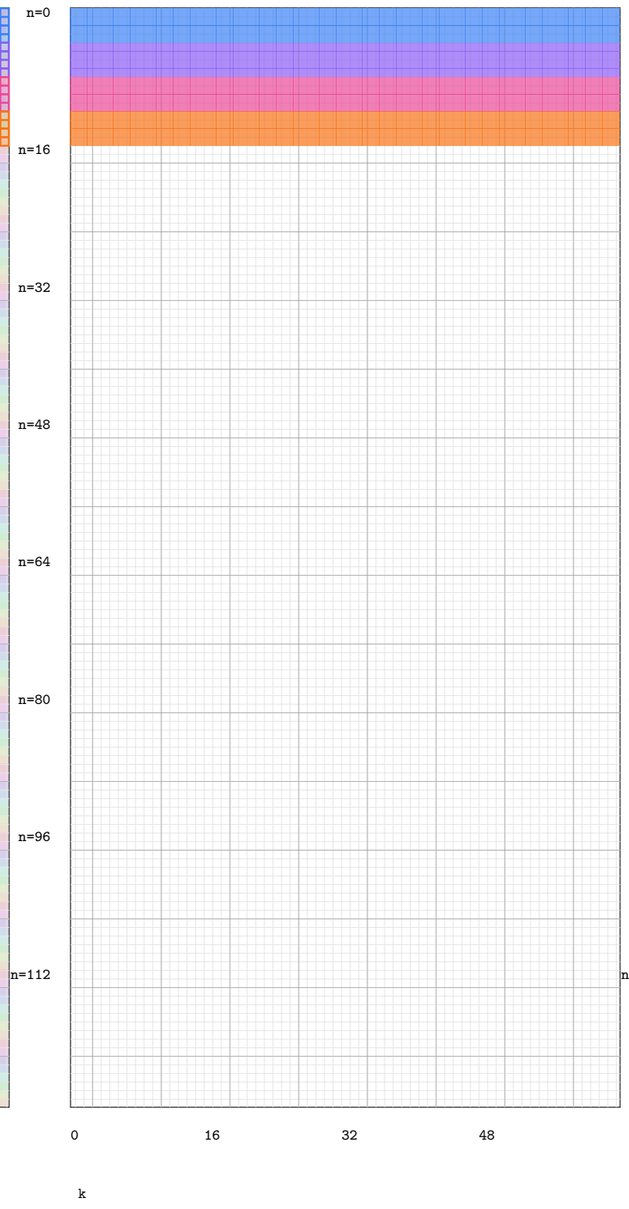
gA (m,k) CTA tile



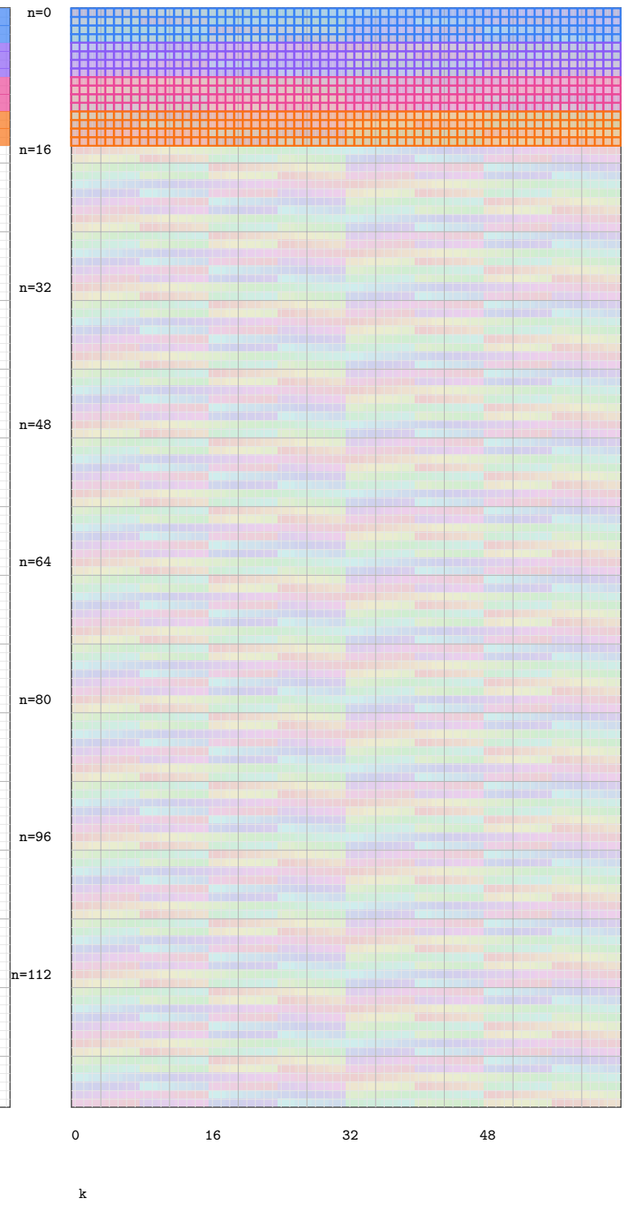
sA (m,k) bank-colored



gB (n,k) CTA tile



sB (n,k) bank-colored



G2S (gmem → smem) pipe=1

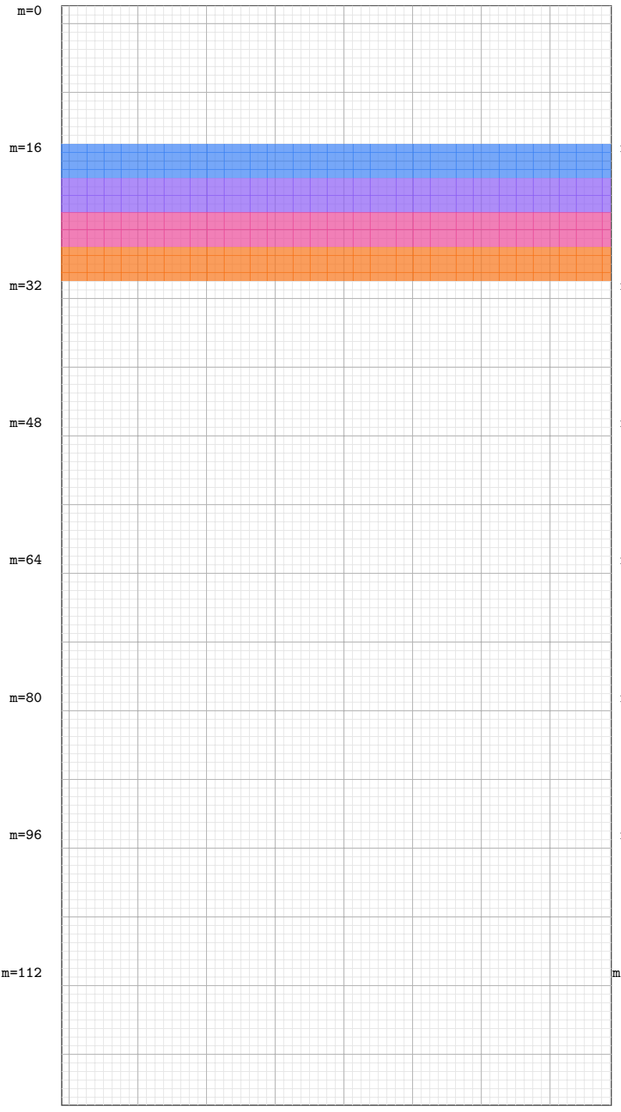
W0 W1 W2 W3

SMEM background = bank id (0..31). Highlights = warp colors.

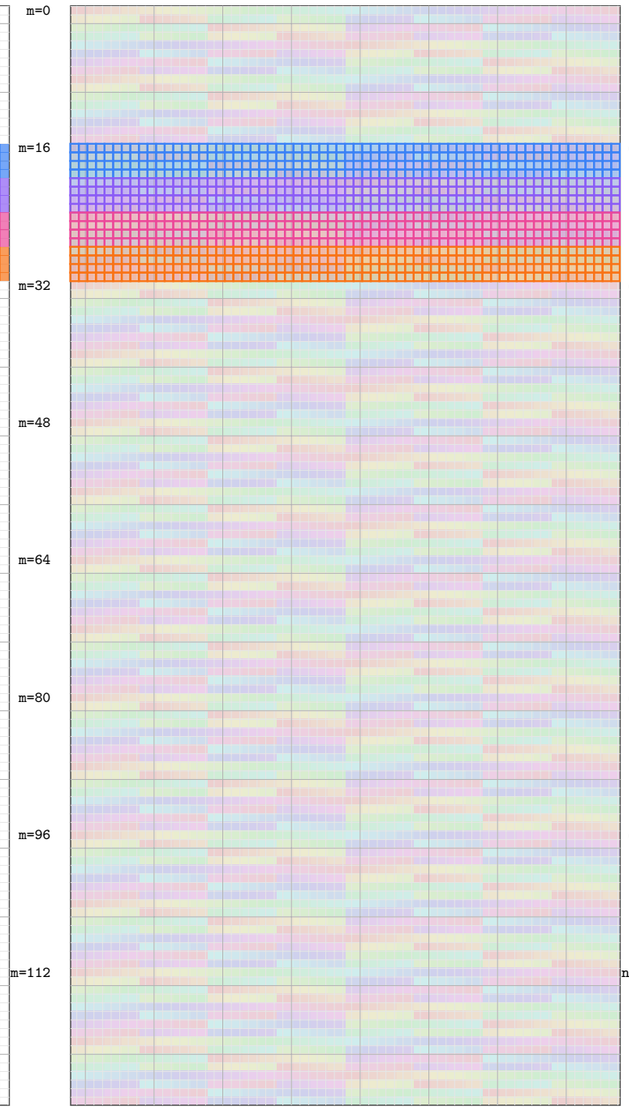
step 1/7 (cm=1, ck=0) (cpy_m=8, cpy_k=1) (V=8 half = 16B) (k_tile=0, pipe=1)

bank: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

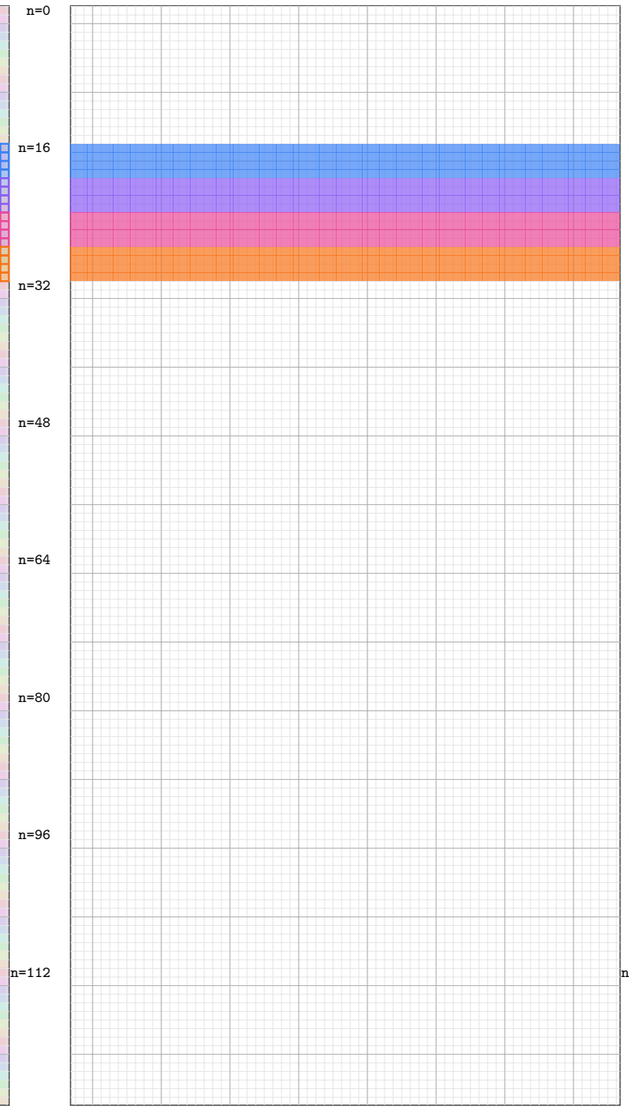
gA (m,k) CTA tile



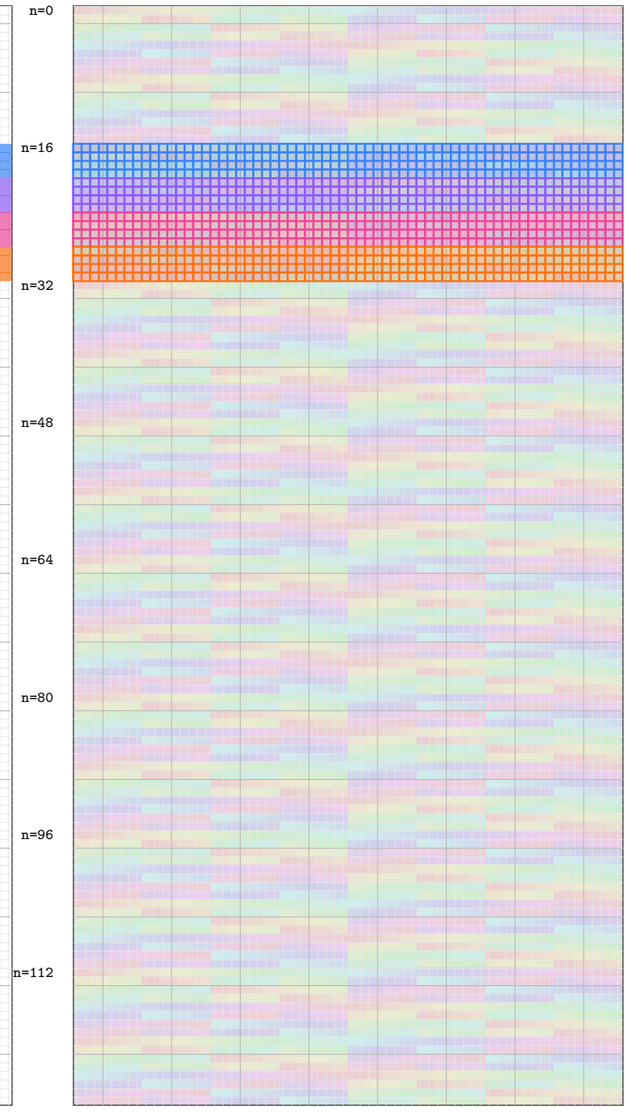
sA (m,k) bank-colored



gB (n,k) CTA tile



sB (n,k) bank-colored



G2S (gmem → smem) pipe=1

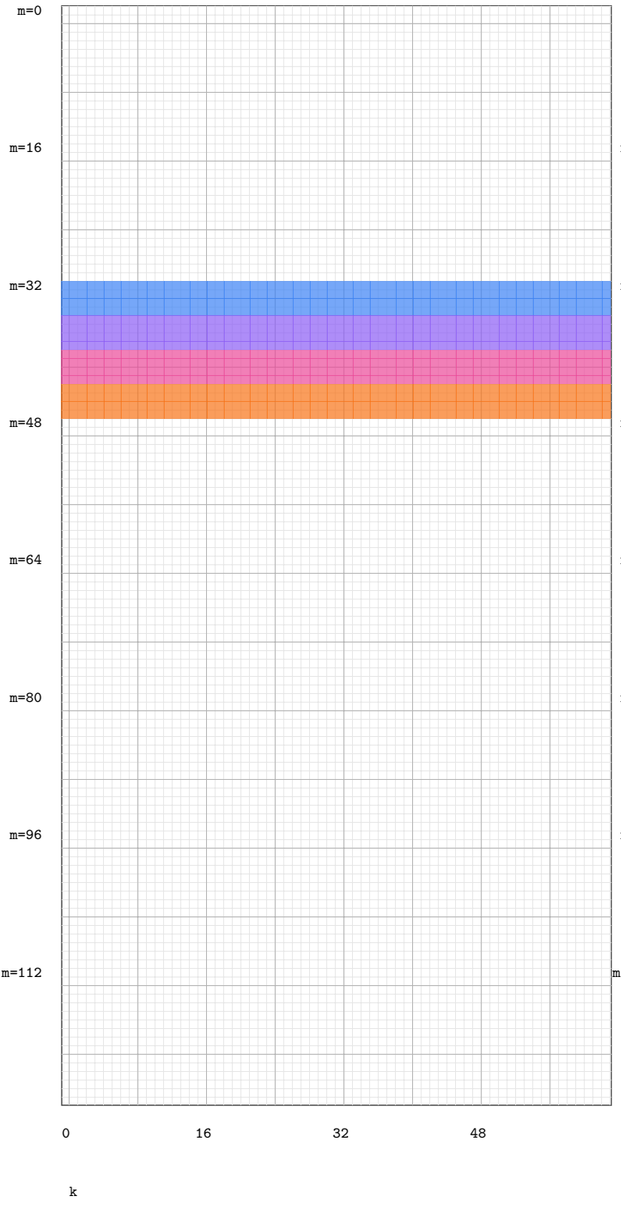
W0 W1 W2 W3

SMEM background = bank id (0..31). Highlights = warp colors.

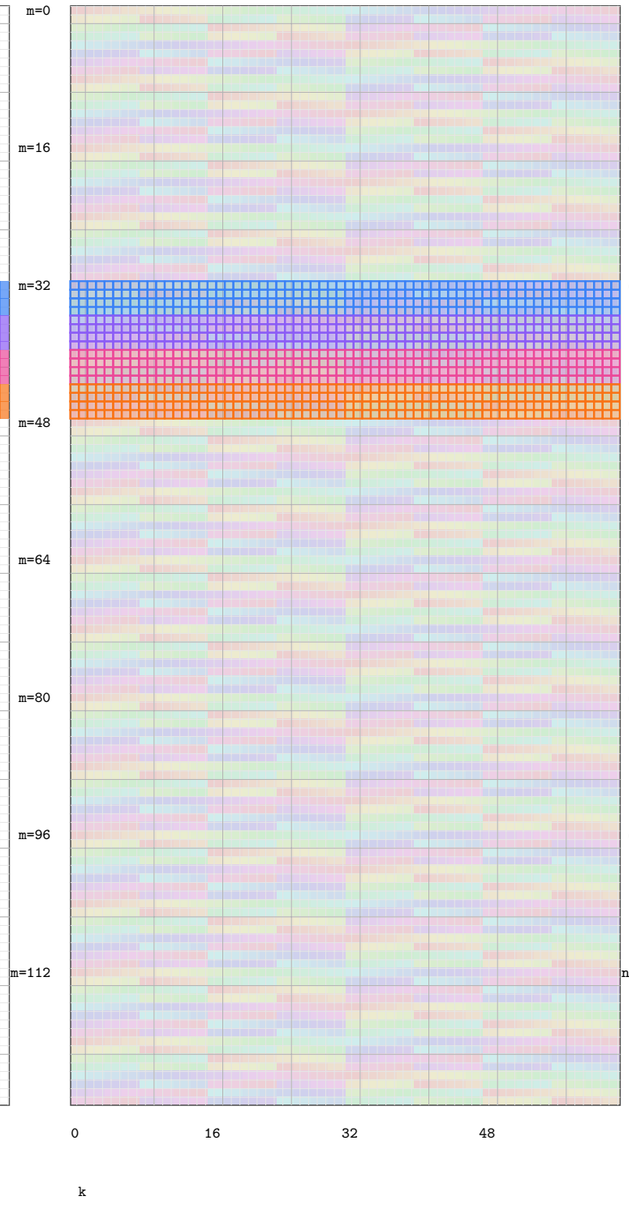
step 2/7 (cm=2, ck=0) (cpy_m=8, cpy_k=1) (V=8 half = 16B) (k_tile=0, pipe=1)

bank: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

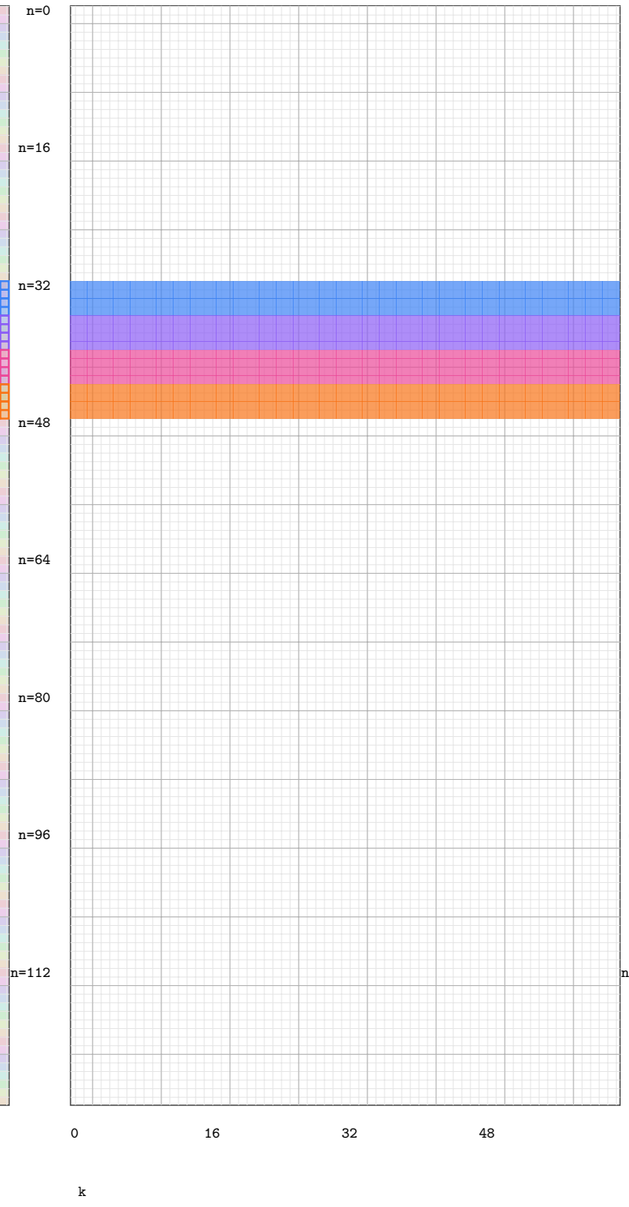
gA (m,k) CTA tile



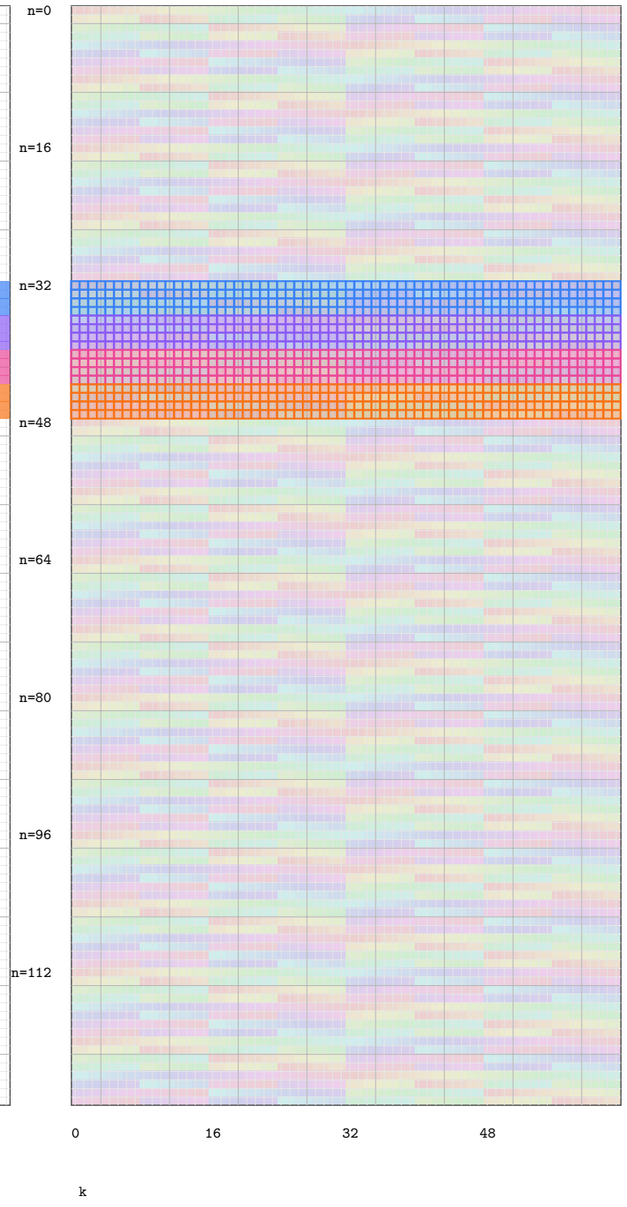
sA (m,k) bank-colored



gB (n,k) CTA tile



sB (n,k) bank-colored



G2S (gmem → smem) pipe=1

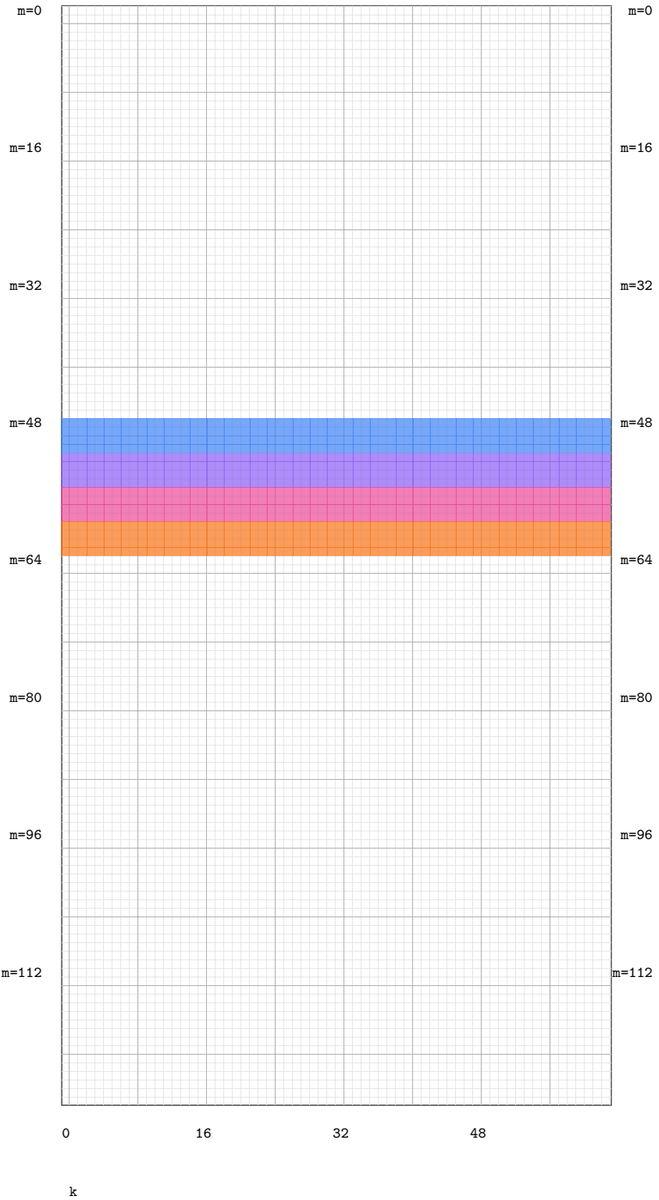
W0 W1 W2 W3

SMEM background = bank id (0..31). Highlights = warp colors.

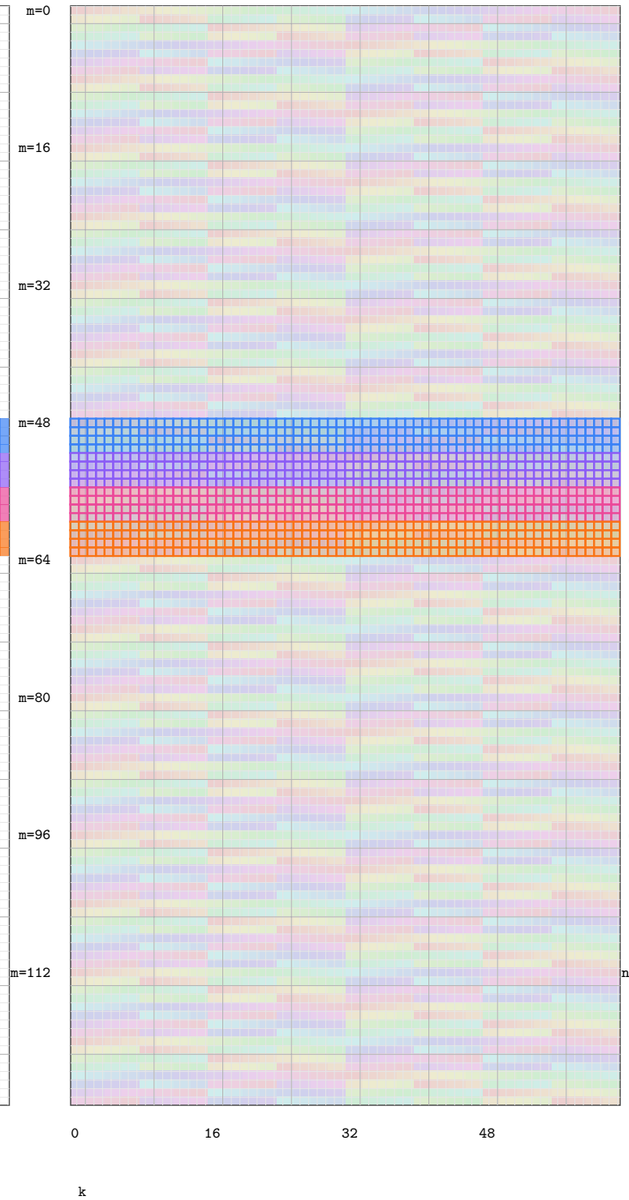
step 3/7 (cm=3, ck=0) (cpy_m=8, cpy_k=1) (V=8 half = 16B) (k_tile=0, pipe=1)

bank: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

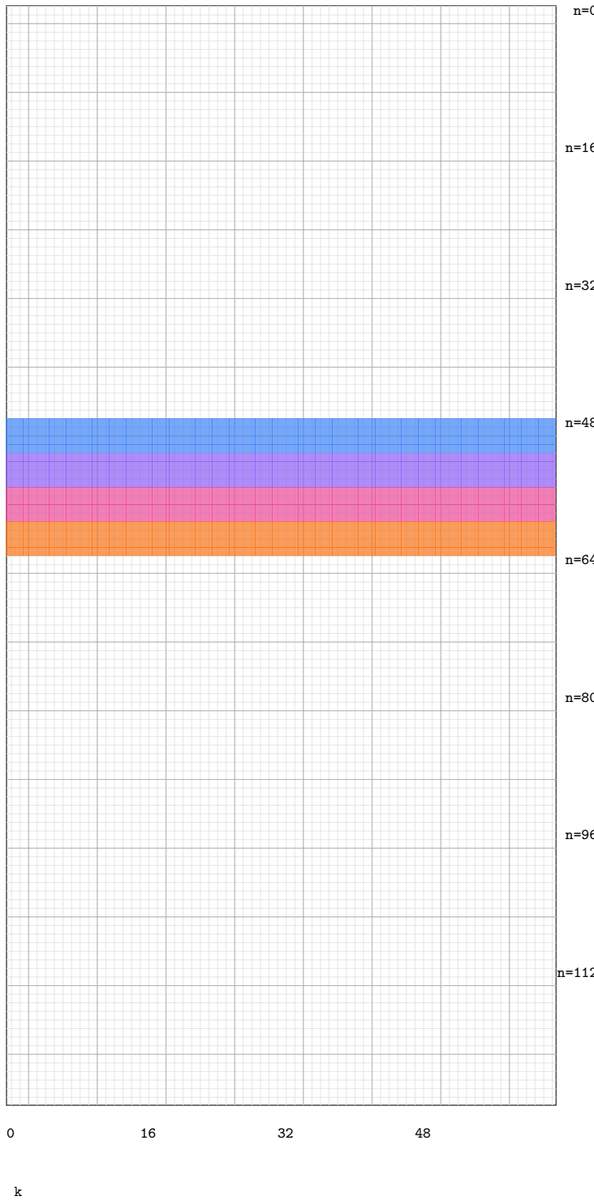
gA (m,k) CTA tile



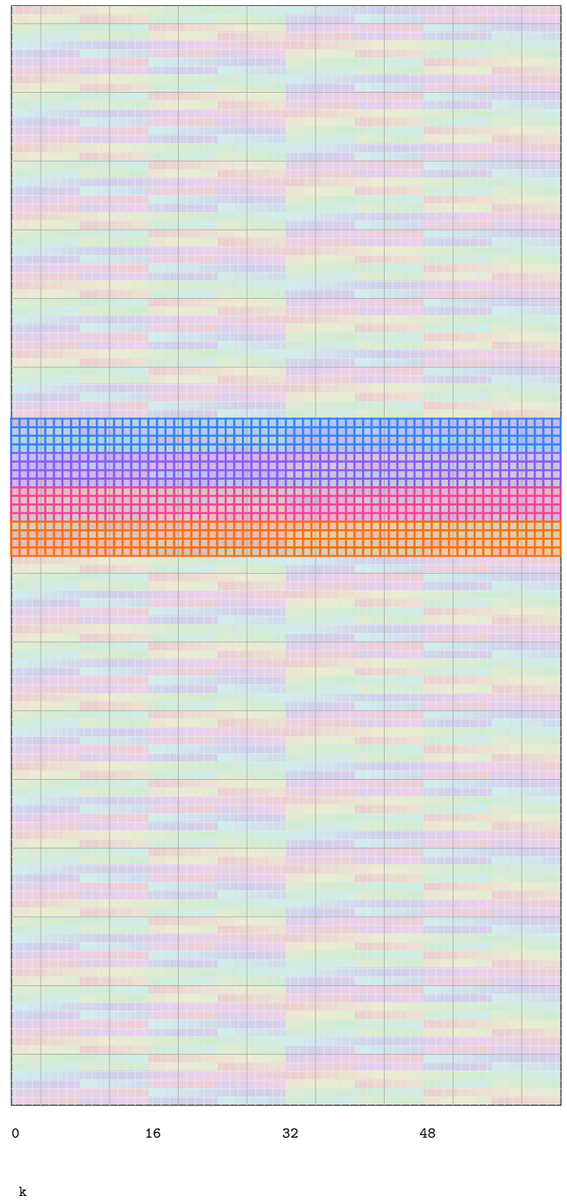
sA (m,k) bank-colored



gB (n,k) CTA tile



sB (n,k) bank-colored



G2S (gmem → smem) pipe=1

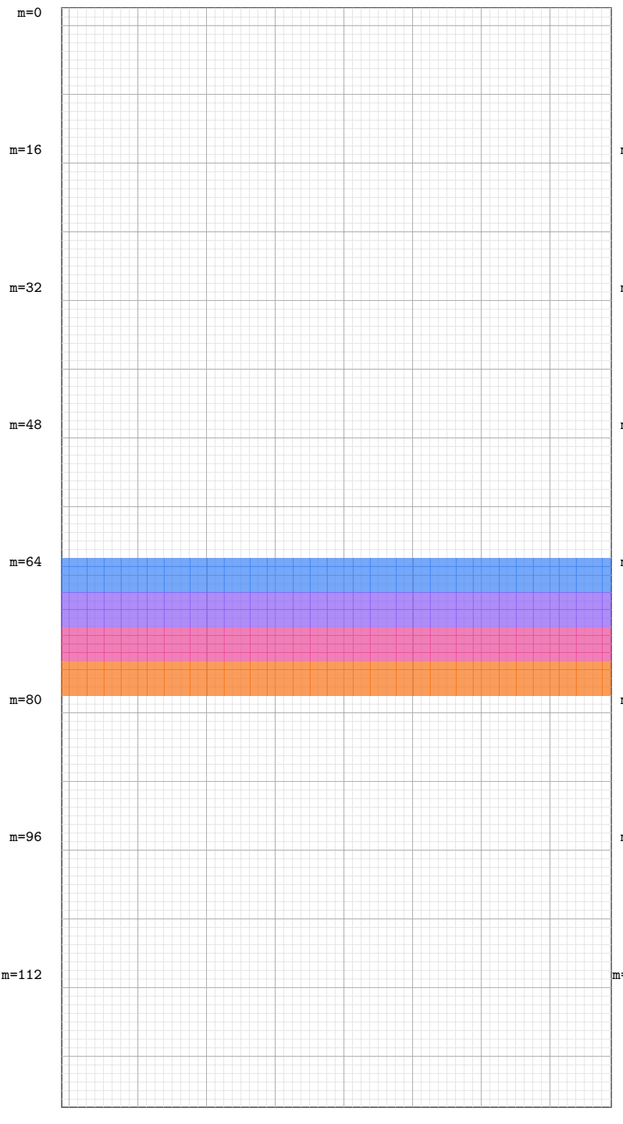
W0 W1 W2 W3

SMEM background = bank id (0..31). Highlights = warp colors.

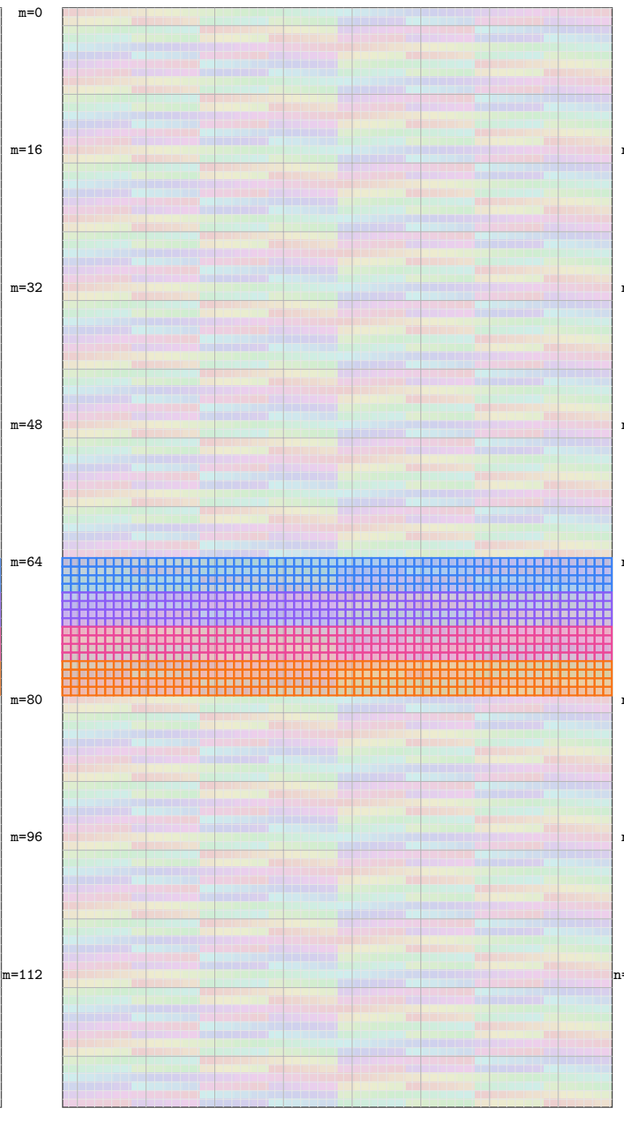
step 4/7 (cm=4, ck=0) (cpy_m=8, cpy_k=1) (V=8 half = 16B) (k_tile=0, pipe=1)

bank: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

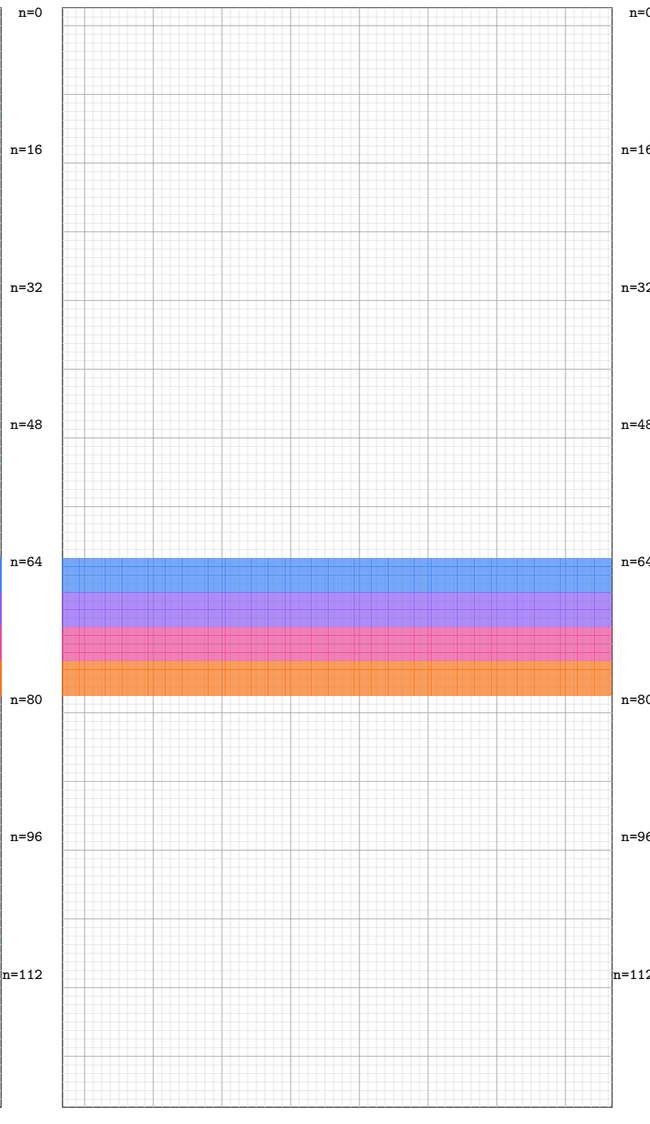
gA (m,k) CTA tile



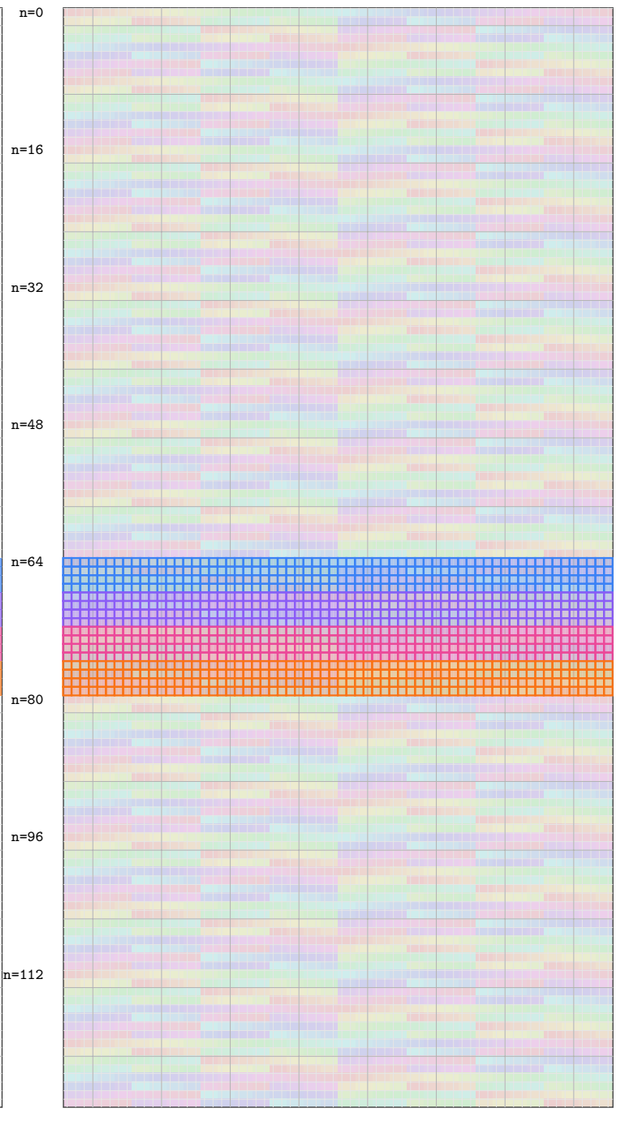
sA (m,k) bank-colored



gB (n,k) CTA tile



sB (n,k) bank-colored



G2S (gmem → smem) pipe=1

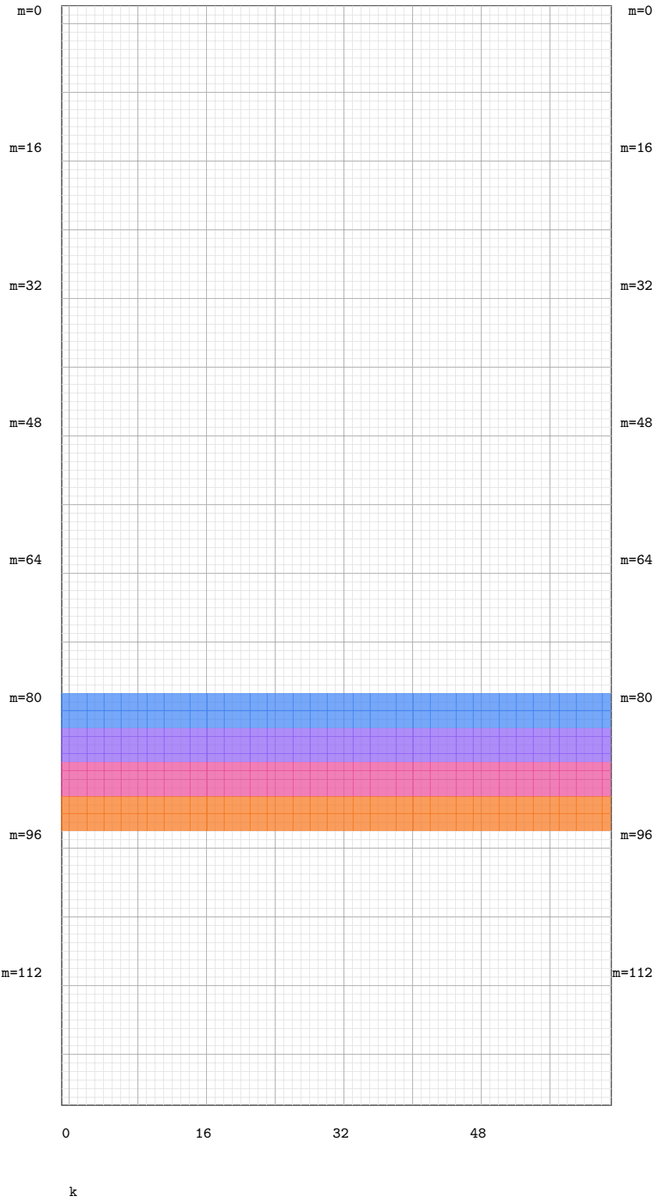
W0 W1 W2 W3

SMEM background = bank id (0..31). Highlights = warp colors.

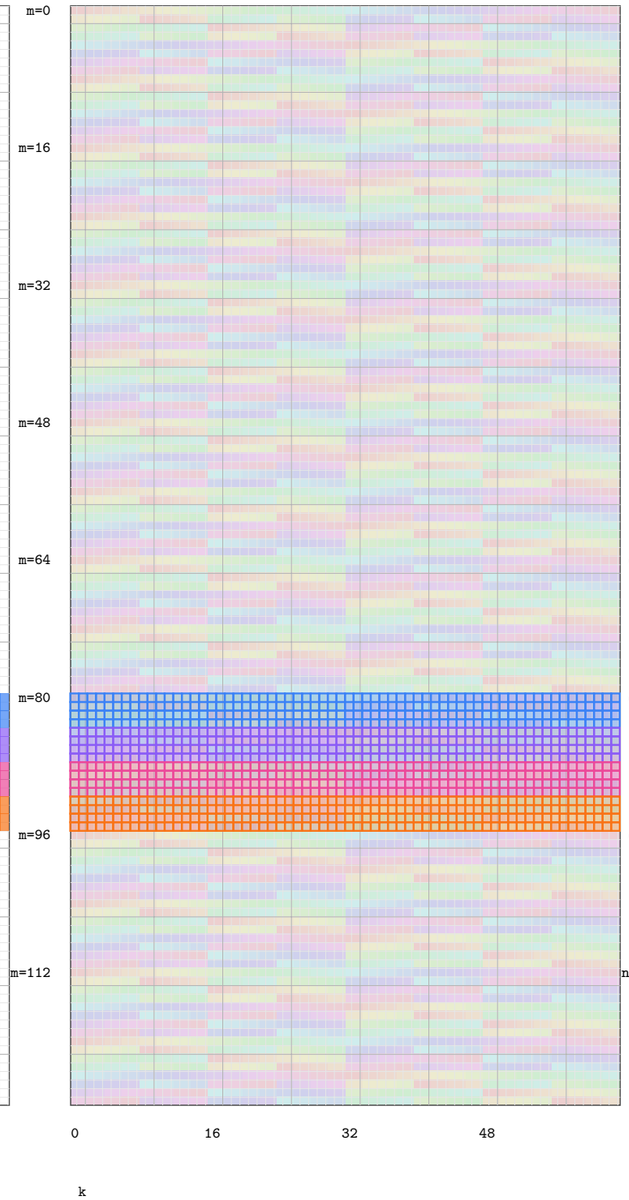
step 5/7 (cm=5, ck=0) (cpy_m=8, cpy_k=1) (V=8 half = 16B) (k_tile=0, pipe=1)

bank: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

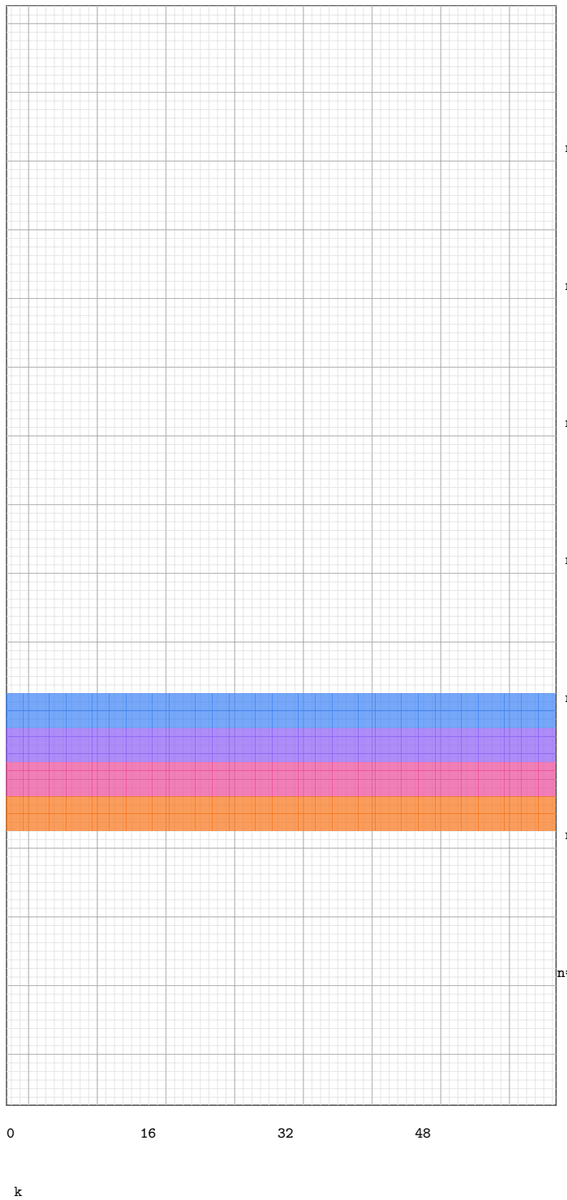
gA (m,k) CTA tile



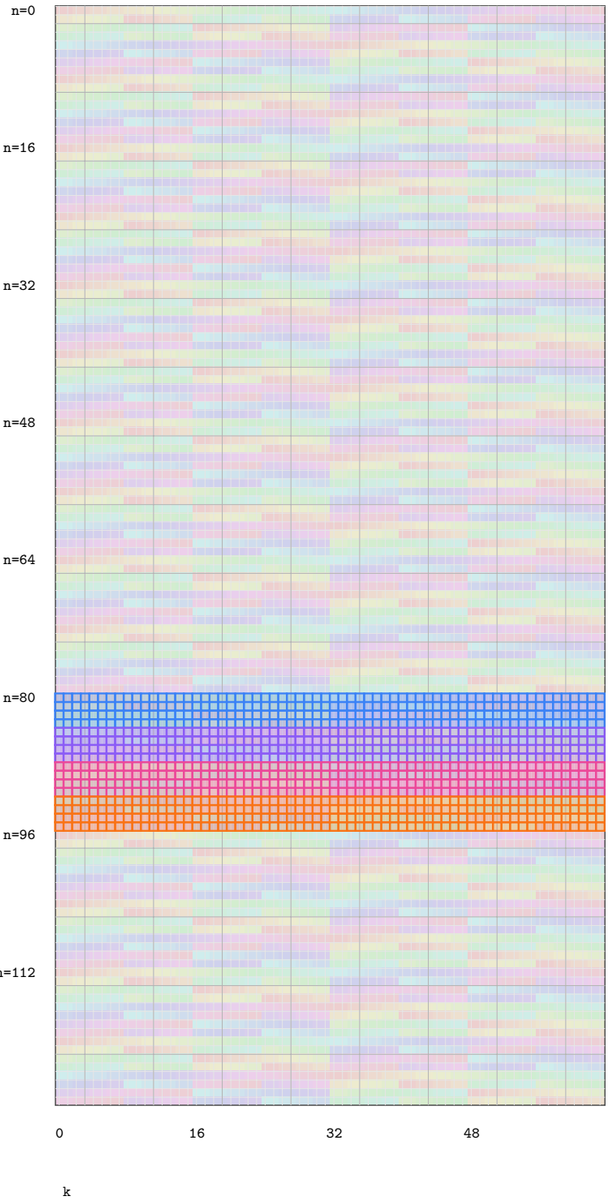
sA (m,k) bank-colored



gB (n,k) CTA tile



sB (n,k) bank-colored



G2S (gmem → smem) pipe=1

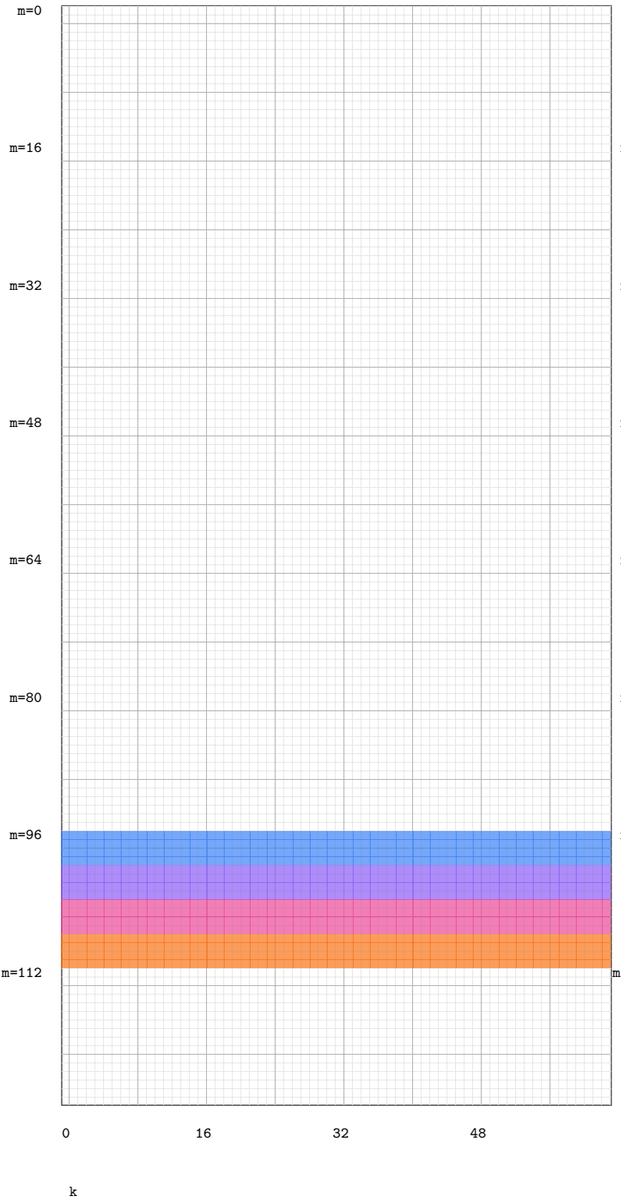
W0 W1 W2 W3

SMEM background = bank id (0..31). Highlights = warp colors.

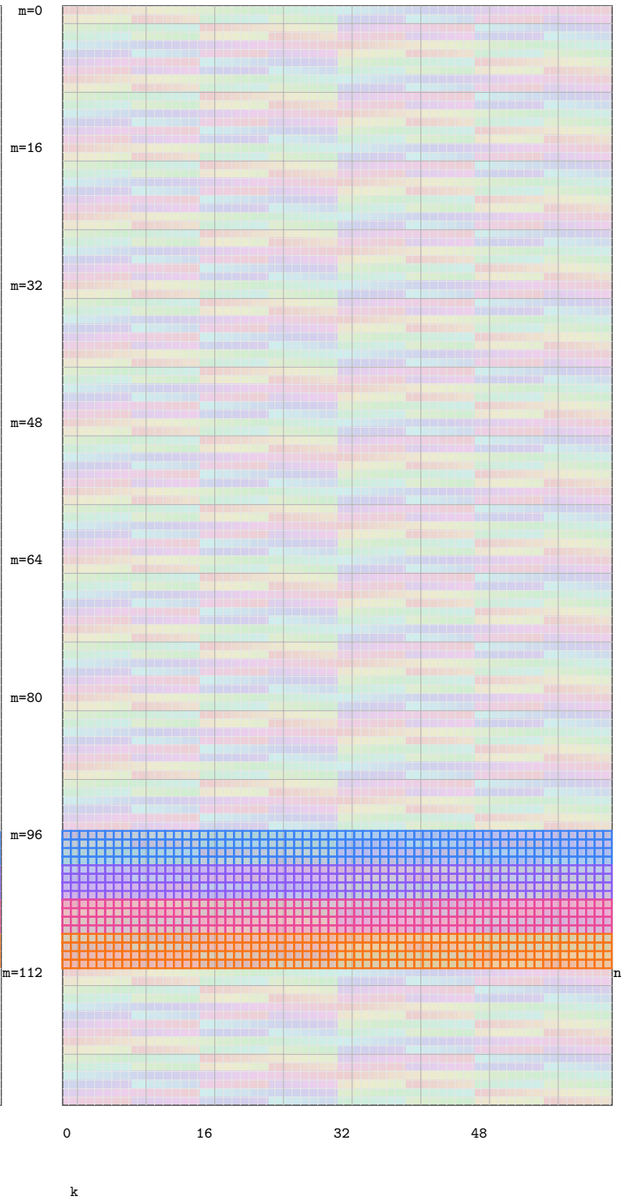
step 6/7 (cm=6, ck=0) (cpy_m=8, cpy_k=1) (V=8 half = 16B) (k_tile=0, pipe=1)

bank: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

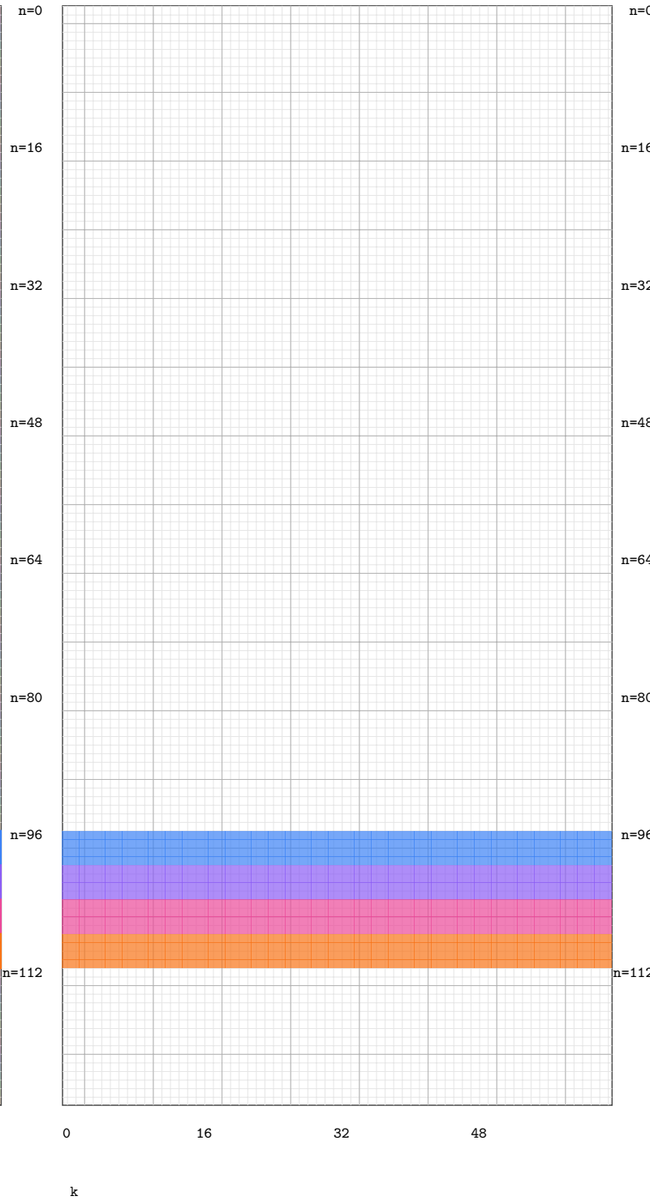
gA (m,k) CTA tile



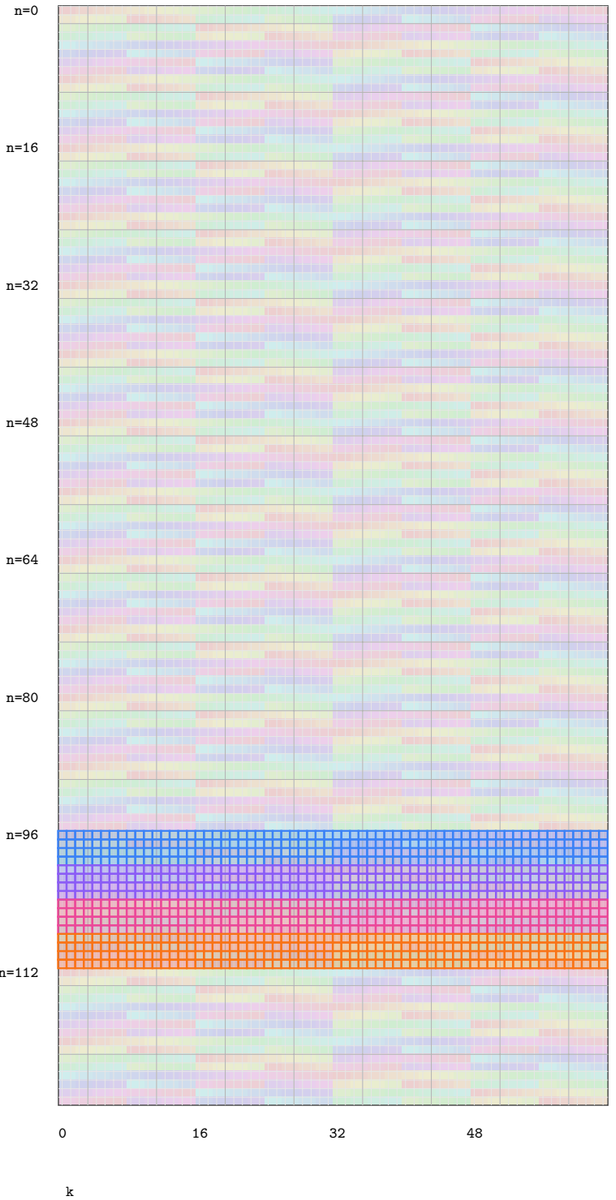
sA (m,k) bank-colored



gB (n,k) CTA tile



sB (n,k) bank-colored



G2S (gmem → smem) pipe=1

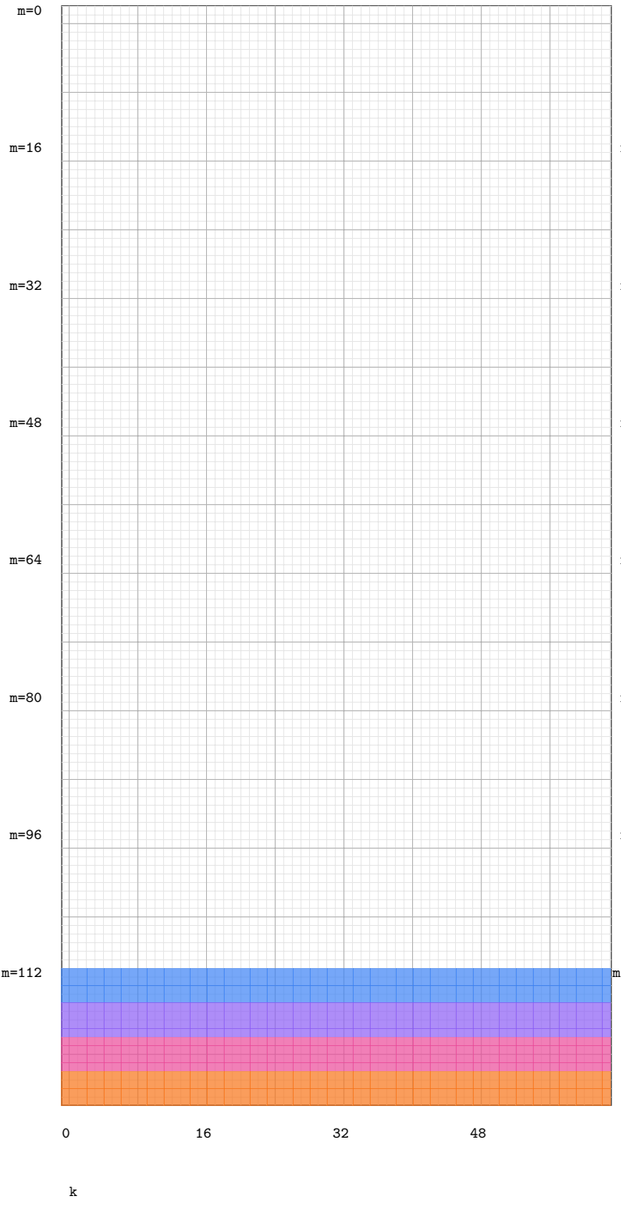
W0 W1 W2 W3

SMEM background = bank id (0..31). Highlights = warp colors.

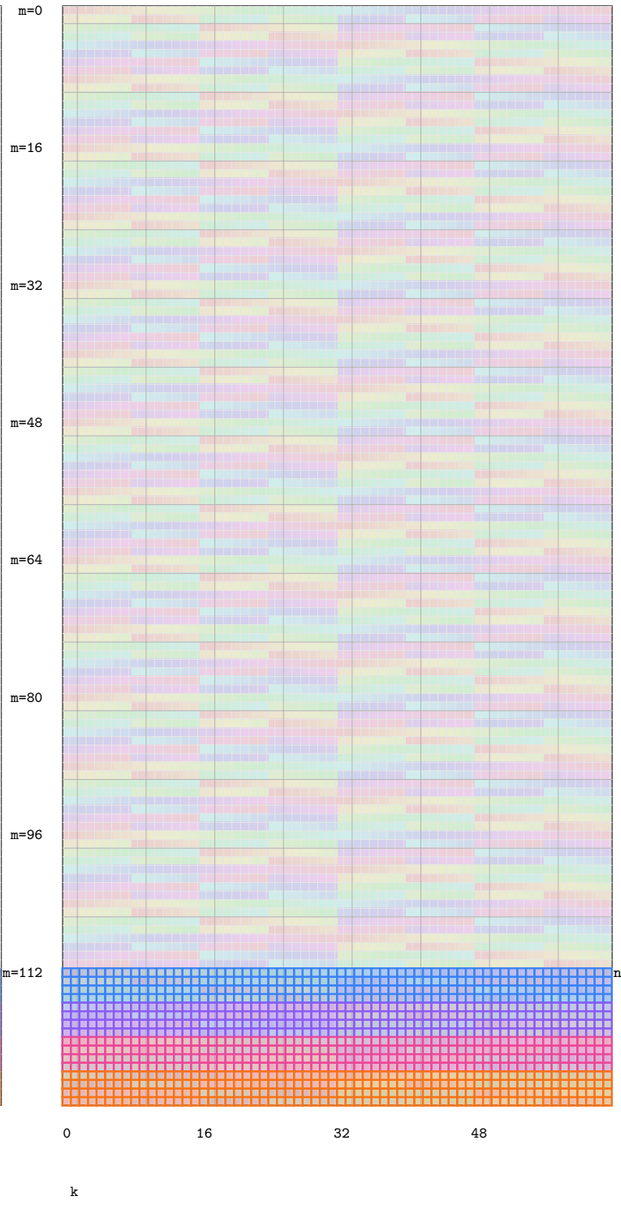
step 7/7 (cm=7, ck=0) (cpy_m=8, cpy_k=1) (V=8 half = 16B) (k_tile=0, pipe=1)

bank: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

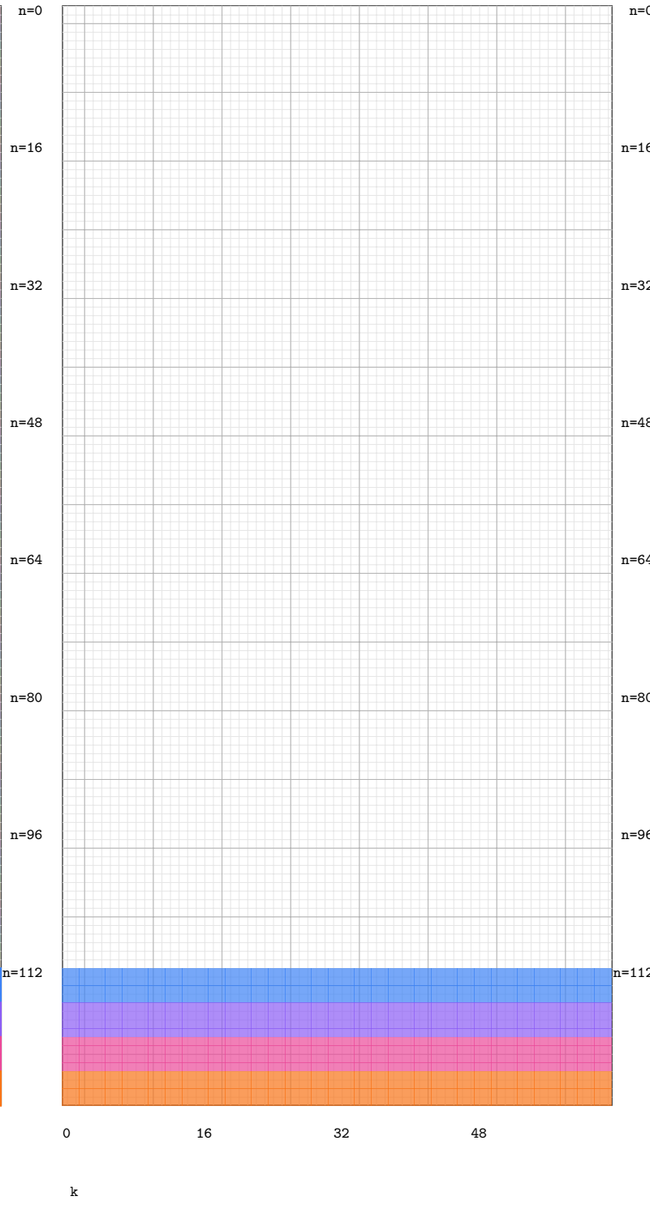
gA (m,k) CTA tile



sA (m,k) bank-colored



gB (n,k) CTA tile



sB (n,k) bank-colored