

For higher contrast, underexpose and overdevelop (Push).
 For lower contrast, overexpose and underdevelop (Pull).

For dilution ratio of 1:x, the volume of concentrate to make y units total volume is $\frac{y}{x+1}$ units.

HC110 dilutions

- A 1:15, so 18.1ml concentrate in 290ml total; 28.1ml in 450ml
- B 1:31, so 9.1ml concentrate in 290ml total; 14.1ml in 450ml
- F 1:79, minimum of 6ml concentrate, so 6ml in 290ml total
- 'H' (unofficial) 1:63, minimum of 6 ml concentrate, 6.0ml in 290ml total; 7.0ml in 450 ml

Starting times (with range) at 68°F.

- HP5 @ ASA 400: HC110 dilution B: 6 min.
- Delta3200 @ ASA 3200: HC110 dilution A. Push one stop: 13 min.
- Pan-F 50 @ ASA 50 HC110 dilution 'H': 8 min.
- Tri-X (400TX) @ ASA 400: HC110 dilution B: 6 min.
- TMX(new, '100TMX') @ ASA 100: HC110 dilution B: 6 min.
- TMY @ ASA 400: HC110 dilution B: 5.5 min.
- Tech-Pan @ASA 25: HC110 dilution F: 8 (6-12) min.

Developing Sequence

Step	Time in min.	Agitation
DEVELOPE	given time	first 30 s agitation then 10 s. each minute thereafter
STOP	0.5	continuous agitation
DIRTY FIX	4	continuous agitation
WASH 1	rinse	2 inversions
CLEAN FIX	6	continuous agitation
WASH 2	5	running water + 4 inversions
WASH AID	2	continuous agitation
WASH 3	10	running water + 4 inversions

