


FC / CYA Reference Chart

PoolChem Tracker

poolchemtracker.com

CYA (ppm)	Min FC Std	Min FC SWG	Target FC	Shock To
20	1.5	1.0	2–4	10
30	2.25	1.5	3–5	12
40	3.0	2.0	4–6	16
50	3.75	2.5	5–7	20
60	4.5	3.0	5–8	24
70	5.25	3.5	6–8	28
80	6.0	4.0	7–9	31
90	6.75	4.5	7–10	35
100	7.5	5.0	8–10	39

 CYA 20–50 Low stabilizer

 CYA 60–80 Mid range

 CYA 90–100 High — consider partial drain

 SWG Min FC column — saltwater pools only

Quick Formula Reference

Std Min FC = CYA × 7.5%

SWG Min FC = CYA × 5.0%

Shock = CYA × 40%

Ideal SWG range: CYA 60–80 ppm

Don't let FC drop below Min FC (use your pool type).

Shock with liquid chlorine — protects SWG cell.

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